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## **I. Potential References of Interest**

Business Wire

April 27, 1998, Monday

MindCorps, Inc. Innovates Electronic Commerce Solutions with Microsoft Site Server 3.0

**LENGTH:** 688 words  
**DATELINE:** SEATTLE

April 27, 1998—MindCorps Incorporated has been building online solutions for enterprise customers using Microsoft commerce technology since 1996.

Today, MindCorps announced the support of its electronic commerce products and business services by the highly anticipated new member of the BackOffice family, Microsoft Site Server 3.0 Commerce Edition.

Universal Studios, Hyundai International, PhotoDisc, and Wizards of the Coast are among the MindCorps customers that have helped the Seattle-based application development firm build a reputation based on Site Server expertise. The Microsoft Site Server marketing team selected MindCorps to create a comprehensive demonstration of the features and benefits of Site Server 3.0 Commerce Edition, unveiled at Microsoft's launch at IEC in New York. The company is now working to create additional starter sites and commerce functionality, set for release in the first half of 1998.

"MindCorps has proven to be an innovator in creating solutions based on Site Server 3.0 Commerce Edition. MindCorps developers have created customized applications, proving the flexibility of Site Server Commerce through its on-line auctions, direct-to-consumer stores, and business-to-business solutions," says Russell Stockdale, Group Product Manager, Applications Group, Microsoft Corp.

Site Server 3.0 Commerce Edition is the comprehensive Internet server for conducting business online. It enables large and medium-sized businesses to build cost-effective e-commerce sites. Companies gain time-to-market and reduced development costs through integrated features to engage customers and partners, transact securely and reliably, and analyze online business. Site Server 3.0 Commerce Edition enables companies to easily expand their online business to automate corporate purchasing and supply chain management as well as online storefronts with both business-to-business and business-to-consumer capabilities.

MindCorps' customers have experienced fast development schedules and reduced costs by leveraging MindCorps software components that share a common platform with Site Server. MindCorps Online Auction Server, a scalable, real-time on-line auction system built on COM standards, now fully supports Site Server 3.0 Commerce Edition. MindCorps Online Catalog Server, offering enhanced product management for Internet stores and catalogs, also supports the Microsoft product.

As a solution provider, MindCorps also supports Microsoft's Value Chain Initiative (VCI), an industry-wide consortium of more than 150 leading software vendors dedicated to providing an end-to-end supply chain framework. The VCI enables companies to integrate applications, link with entire value chains of trading partners regardless of size and share dynamic information in real time. The VCI is based on the Windows Distributed interNet Applications (Windows DNA) architecture and Site Server 3.0 Commerce Edition, providing the most comprehensive commerce-enabling technologies available and superior price/performance advantage.

With a focus on electronic commerce and enterprise applications, MindCorps specializes in developing fully interactive Internet tools to address business and consumer needs. Working from MindCorps' headquarters in downtown Seattle, developers utilize a wide range of technologies including C, Visual Basic, Java, Extensible Markup Language (XML) and Active Server Pages. MindCorps artists and content managers collaborate with clients to add creative interfaces to each new online presence.

MindCorps is a member of the Washington Software Alliance. -0-

Note to editors: If you are interested in viewing additional information on MindCorps, please visit the MindCorps web page at <http://www.mindcorps.com>.

CONTACT: MindCorps Incorporated  
Eric Best, 206/340-0475 Ext. 105  
[eribc@mindcorps.com](mailto:eribc@mindcorps.com)

Today's News On The Net - Business Wire's full file on the Internet  
with Hyperlinks to your home page.  
URL: <http://www.businesswire.com>

**LOAD-DATE:** April 28, 1998  
**LANGUAGE:** ENGLISH  
**DISTRIBUTION:** Business Editors

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#### Computer Reseller News

February 14, 2000

Auction sites booming -- Online exchanges suit small-, midsize-business buyers, sellers

**BYLINE:** Amy Rogers  
**LENGTH:** 591 words

Chicago -- Whether serving as a buyer or seller-or a conduit between the two-small and midsize businesses stand to reap benefits from the explosion of interest in e-commerce auctions, said industry watchers.

Also known as online brokerages or "exchanges," these Web destinations share a common goal: to unite buyers and sellers of virtually any service or product. The variety of goods being bought and sold in this way is staggering. From a multibillion-dollar steel order to a rare fountain pen, at the right price there is a buyer for every seller.

In these online trading communities, "small businesses can compete against the big boys without having to make a large investment," said Dave Reinke, vice president of consulting at Braun Consulting Inc., based here.

"Small businesses are more agile than larger ones ; they can use an exchange to take advantage of aggregate buying power, or they could decide to support an exchange and get a percentage of the transactions," Reinke said. "They can use the exchange to grow their industry and to drive more business to their continuing brick-and-mortar operations."

Braun recently entered into a partnership with Moai Technologies, a San Francisco-based provider of online auction software and services. The companies plan to jointly develop and implement exchanges for business-to-business and business-to-consumer sites, said company executives. Moai's flagship product, LiveExchange, lets users create Web auctions, procurement applications and trading communities.

One customer that has benefited from Moai's and Braun's teamwork is BidBuyBuild Inc., which is using its Web site to link building contractors and manufacturers wishing to purchase and sell heating and air-conditioning equipment.

BidBuyBuild Chief Executive Mark Hadding, brainstorming with his father Lawrence, vice president of sales at the company, hit on the idea of developing a product resource for the construction industry. They talked to Braun to see if the digital-exchange approach fit, said Hadding.

"Our site had to be very easy to use and it had to have as much workspace as possible," he said. "We didn't want pictures and glitz. We want to be the virtual desktop for our contractors and manufacturers."

Hadding also told Braun that he preferred to use directed bidding, where queries for a particular product are sent to companies that actually make that product or a comparable one. So-called open bidding, in which product requests blanket a thousand suppliers' in-boxes-and many of those companies offer nothing remotely like the item in question-is a big turn-off to manufacturing partners, said Hadding.

Integrators that specialize in building these types of Internet exchanges said the demand is monumental, but the work demands a certain level of precision.

There is a fair amount of customization involved in the implementation of each digital exchange, said Mike Beirne, chief executive of InfoMech Inc., an Alexandria, Va.-based integrator that specializes in online brokerages.

One of InfoMech's newer accounts is [www.petroleumplace.com](http://www.petroleumplace.com), a portal site for buying and selling gas and oil products. InfoMech used Microsoft Corp.'s Site Server and Active Server Pages to build the site, Beirne said.

Enterchange, a combined catalog and auction product, also is under development from Microsoft and InfoMech, Beirne said. With it, customers will be able to "produce a site in 30 days or less," he said.

<http://www.crn.com/>

Copyright 2000 CMP Media Inc.

**LOAD-DATE:** February 12, 2000

**LANGUAGE:** ENGLISH

Copyright 2000 CMP Media Inc.

## II. Inventor Search Results from Dialog

16/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0018697600 - Drawing available  
WPI ACC NO: 2009-E93566/200912

Method for implementing automatic bid status refresh and attribute updates in electronic exchange, involves distributing determined bid status updates to users via computer network based on update configuration information

Patent Assignee: BENJAMIN K (BENJ-I); GU B (GUBB-I); LYONS L (LYON-I); POWELL K (POWE-I); STEPHENS D (STEP-I); WANG J (WANG-I); ORACLE INT CORP (ORAC)

Inventor: BENJAMIN K; GU B; LYONS L; POWELL K; STEPHENS D; WANG J

Patent Family (2 patents, 1 countries)

| Patent         |      |          | Application   |      |          |          |
|----------------|------|----------|---------------|------|----------|----------|
| Number         | Kind | Date     | Number        | Kind | Date     | Update   |
| US 20090037314 | A1   | 20090205 | US 2001912848 | A    | 20010724 | 200912 B |
|                |      |          | US 2001266946 | P    | 20010206 |          |
| US 7533051     | B2   | 20090512 | US 2001266946 | P    | 20010206 | 200932 E |
|                |      |          | US 2001912848 | A    | 20010724 |          |

Priority Applications (no., kind, date): US 2001266946 P 20010206; US 2001912848 A 20010724

Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing Notes                         |
|----------------|------|------|----|-----|--------------------------------------|
| US 20090037314 | A1   | EN   | 12 | 5   | Related to Provisional US 2001266946 |
| US 7533051     | B2   | EN   |    |     | Related to Provisional US 2001266946 |

Alerting Abstract US A1

NOVELTY - The method involves receiving user selectable update configuration information with time interval for receiving bid status updates, from users. The time interval is selected through interface, and adjusted dynamically when auction is conducted. The received bid information is compared to determine (306) bid status and bid status updates. The determined bid status updates are distributed (307) to users via network based on update configuration information. An auction winner is designated (311) at conclusion in accordance with a most competitive bid of the bid status.

DESCRIPTION - An INDEPENDENT CLAIM is included for machine readable medium storing instructions for implementing automatic bid status refresh and attribute updates in electronic exchange.

USE - Method for implementing automatic bid status refresh and attribute updates in electronic exchange.

ADVANTAGE - The bid status updates are provided to all participants in an efficient manner.

DESCRIPTION OF DRAWINGS - The drawing shows the flowchart explaining the process for implementing automatic bid status refresh and attribute updates in electronic exchange.

- 304 Step for receiving update configuration
- 305 Step for receiving bid information
- 306 Step for determining bid status
- 307 Step for distributing bid status
- 311 Step for designating auction winner

Title Terms/Index Terms/Additional Words: METHOD; IMPLEMENT; AUTOMATIC; BID  
; STATUS; REFRESH; ATTRIBUTE; UPDATE; ELECTRONIC; EXCHANGE; DISTRIBUTE;  
DETERMINE; USER; COMPUTER; NETWORK; BASED; CONFIGURATION; INFORMATION

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0040/00 A I F B 20060101

G06Q-0040/00 C I F B 20090101

G06Q-0040/00 C I B 20060101

ECLA: G06Q-030/00C4

US Classification, Current Main: 705-037000; Secondary: 9-026000, 9-030000,  
709-203000, 713-156000

US Classification, Issued: 70537, 70537, 926, 930, 713156, 709203

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05B2; T01-N01A1; T01-N01D; T01-S03

15/5/1 (Item 1 from file: 350)

\*\*\*\*\*Your case\*\*\*\*\*

DIALOG(R)File 350:Derwent WPIX

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0019000648 - Drawing available

WPI ACC NO: 2009-H76642/200931

Catalog content specifying method for electronic auction in electronic  
commerce exchange, involves determining competitive bid out of bids  
received for contents, and completing sale of contents using competitive bid

Patent Assignee: BANJAMIN K (BANJ-I); GU B (GUBB-I); LYONS L (LYON-I);

POWELL K (POWE-I); STEPHENS D (STEP-I); WANG J (WANG-I)

Inventor: BANJAMIN K; GU B; LYONS L; POWELL K; STEPHENS D; WANG J

Patent Family (1 patents, 1 countries)

Patent Application

| Number         | Kind | Date     | Number        | Kind | Date     | Update   |
|----------------|------|----------|---------------|------|----------|----------|
| US 20090112772 | A1   | 20090430 | US 2001912891 | A    | 20010724 | 200931 B |
|                |      |          | US 2001266904 | P    | 20010206 |          |

Priority Applications (no., kind, date): US 2001266904 P 20010206; US  
2001912891 A 20010724

#### Patent Details

| Number         | Kind | Lan | Pg | Dwg | Filing Notes                         |
|----------------|------|-----|----|-----|--------------------------------------|
| US 20090112772 | A1   | EN  | 12 | 5   | Related to Provisional US 2001266904 |

#### Alerting Abstract US A1

NOVELTY - The method involves receiving specified initial terms for a  
sale for contents for an auction, where the initial terms are selected from  
a group consisting of delivery and minimum opening bid. An auction is  
initiated for the contents using specified catalog contents. Continuous  
bids are received, compared and updated for the contents from remote  
bidders via a distributed computer network. A competitive bid is determined  
out of the bids received for the contents, and the sale of the contents is  
completed using the competitive bid.

USE - Method for specifying catalog contents for an electronic auction in  
an electronic commerce exchange in an electronic commerce exchange on a  
distributed computer network e.g. Internet (claimed).

ADVANTAGE - The method efficiently provides price competitiveness of

auction based selling with along the efficiency aspects of catalog based selling. The method reduces risks inherent with setting pricing/terms of items for electronic catalogs in an efficient manner.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic diagram illustrating an electronic commerce auction operation.

- 100 Electronic exchange auction system
- 101 Exchange server host
- 110 Seller client
- 120-123 Buyer clients
- 150 Distributed computer network

Title Terms/Index Terms/Additional Words: CATALOGUE; CONTENT; SPECIFIED; METHOD; ELECTRONIC; AUCTION; EXCHANGE; DETERMINE; COMPETE; BID; RECEIVE; COMPLETE; SALE

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I F B 20060101

G06Q-0030/00 C I B 20060101

US Classification, Current Main: 705-080000; Secondary: 705-026000, 705-027000

US Classification, Issued: 70580, 70526, 70527

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A; T01-N01D2; T01-N01D3; T01-N02A2C

20/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0016766670 - Drawing available

WPI ACC NO: 2007-481737/200747

XRPX Acc No: N2007-366309

Item e.g. shirt, data storing method for use by e.g. enterprise, involves storing item and associated sub-items in item table, and storing attribute identification associated with item in attribute table

Patent Assignee: CLIC COMMERCE INC (CLIC-N)

Inventor: BRACKNEY K M; BROWN J D; DOYLE B P; HARMAN J D; MCGINN J E;

WANG J; WYKES N E

Patent Family (5 patents, 116 countries)

| Patent          |      |          | Application     |      |          |          |
|-----------------|------|----------|-----------------|------|----------|----------|
| Number          | Kind | Date     | Number          | Kind | Date     | Update   |
| US 20070100842  | A1   | 20070503 | US 2005163877   | A    | 20051102 | 200747 B |
| WO 2007056207   | A2   | 20070518 | WO 2006US43079  | A    | 20061102 | 200747 E |
| DE 112006002886 | T5   | 20081002 | DE 112006002886 | A    | 20061102 | 200867 E |
|                 |      |          | WO 2006US43079  | A    | 20061102 |          |
| JP 2009515258   | W    | 20090409 | WO 2006US43079  | A    | 20061102 | 200926 E |
|                 |      |          | JP 2008539083   | A    | 20061102 |          |
| WO 2007056207   | A3   | 20090430 | WO 2006US43079  | A    | 20061102 | 200930 E |

Priority Applications (no., kind, date): US 2005163877 A 20051102

#### Patent Details

| Number         | Kind | Lan | Pg | Dwg | Filing Notes |
|----------------|------|-----|----|-----|--------------|
| US 20070100842 | A1   | EN  | 21 | 12  |              |
| WO 2007056207  | A2   | EN  |    |     |              |

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW  
 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT  
 HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY  
 MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD  
 SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW  
 Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES  
 FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO  
 SD SE SI SK SL SZ TR TZ UG ZM ZW  
 DE 112006002886 T5 DE PCT Application WO 20060543079  
 Based on OPI patent WO 2007056207  
 JP 2009515258 W JA 26 PCT Application WO 20060543079  
 Based on OPI patent WO 2007056207  
 WO 2007056207 A3 EN  
 National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW  
 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT  
 HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY  
 MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD  
 SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW  
 Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR  
 GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR OA BW GH GM KE LS  
 MW MZ NA SD SL SZ TZ UG ZM ZW EA

#### Alerting Abstract US A1

NOVELTY - The method involves storing each item and sub-items associated with the item, in an item table (60). Attribute identification associated with each item, is stored in a separate row of an attribute table, where the identification identifies a property of the item. Attribute values for the attribute identification, are stored in separate rows in a table, where the values are associated with the sub-items, respectively. A metadata table stores metadata defining an attribute tree that identifies a relationship between the items and the sub-items.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a computing system comprising a server
- 2.a computer data repository comprising a table storing items
- 3.an electronic **catalog** comprising an attribute set
- 4.a set of instructions for performing a method for storing data in a computer data repository.

USE - Used by an individual, a company and an enterprise, for storing data of an item e.g. pen, garment, power supply and shirt, in an electronic **catalog** that is stored in a data repository of a computing system (claimed) e.g. laptop, desktop computer, mainframe computer and wireless server, that supports electronic commerce and a purchasing function.

ADVANTAGE - The method enables easy and efficient storage of item attributes having multiple values, and efficient searching of the item attributes, without consuming much resource of the computing system.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic representation of tables illustrating an item and attributes associated with the item.

60 Item table

Title Terms/Index Terms/Additional Words: ITEM; SHIRT; DATA; STORAGE;  
 METHOD; ASSOCIATE; SUB; TABLE; ATTRIBUTE; IDENTIFY

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version



G06F-0017/30 A I F B 20060101  
 G06F-0007/00 A I F B 20060101  
**G06Q-0030/00** A I F B 20060101  
 G06F-0017/30 C I B 20060101  
 G06F-0007/00 C I B 20060101  
 G06F-0007/00 C I F B 20060101  
**G06Q-0030/00** C I B 20060101

US Classification, Current Main: T07-100000  
 US Classification, Issued: 707100

JP Classification

|             |     |       |      |      |
|-------------|-----|-------|------|------|
| FI Term     |     | Facet | Rank | Type |
| G06F-017/60 | 328 |       | A    | main |

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-C07C3; T01-E01; T01-L01; T01-L03; T01-N01A2A;  
 T01-N02A3C; T01-N03A2

22/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0019054569 - Drawing available

WPI ACC NO: 2009-J21465/200934

Auction listing information e.g. land **auction** information, accessing and displaying method for asynchronous **web** service, involves transforming data to HTML format, and displaying **auction** listing information to user via browser  
 Patent Assignee: CHAY P S (CHAY-I); WANG J (WANG-I)

Inventor: CHAY P S; **WANG J**

Patent Family (1 patents, 1 countries)

|                |      |             |               |      |          |          |
|----------------|------|-------------|---------------|------|----------|----------|
| Patent         |      | Application |               |      |          |          |
| Number         | Kind | Date        | Number        | Kind | Date     | Update   |
| US 20090125392 | A1   | 20090514    | US 2007983819 | A    | 20071114 | 200934 B |

Priority Applications (no., kind, date): US 2007983819 A 20071114

Patent Details

|                |      |     |    |     |        |       |
|----------------|------|-----|----|-----|--------|-------|
| Number         | Kind | Lan | Pg | Dwg | Filing | Notes |
| US 20090125392 | A1   | EN  | 9  | 3   |        |       |

Alerting Abstract US A1

NOVELTY - The method involves displaying an auction calendar with a date, and selecting the date on the auction calendar to trigger an HTML request message sent to a server system via a browser. The relevant auction listing information is retrieved from a database, and the listing information is presented in a XML format. The **auction** listing data is transmitted in the XML format to the **Internet** browser via a web server as a corresponding HTML response. The data is transformed to the HTML format and auction listing information is displayed to the user via the browser.

USE - Method for accessing and displaying an auction listing information e.g. land auction information, residential information and commercial real estate **auction**, (all claimed) by using an asynchronous **web** service for an **online** audience.

ADVANTAGE - The method allows the user to update the date and view the auction listing for a chosen date in real-time to filter and manipulate the

auction event data without refreshing the page. The method facilitates the advertisement of land auction listings for an online audience. The method automatically provides a list of auction event from the server without interrupting the user's action.

DESCRIPTION OF DRAWINGS - The drawing shows a process flow diagram illustrating a message flow from a client system to a server system by using asynchronous web development process.

Title Terms/Index Terms/Additional Words: AUCTION; LIST; INFORMATION; LAND; ACCESS; DISPLAY; METHOD; ASYNCHRONOUS; WEB; SERVICE; TRANSFORM; DATA; FORMAT; USER

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I F B 20060101

G06Q-0030/00 C I B 20060101

US Classification, Current Main: 705-014000; Secondary: 705-027000

US Classification, Issued: 70514, 70527

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4P; T01-J11F; T01-N01A; T01-N01D3;

T01-N02A2C; T01-N03A1; T01-N03A3; T01-N03B2

22/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0019002776 - Drawing available

WPI ACC NO: 2009-H81088/200931

Automatic extension implementing method for auction, involves setting end time for concluding auction, receiving bids from remote bidders via distributed computing network, and notifying auction participants of another auction end time

Patent Assignee: BENJAMIN K (BENJ-I); GU B (GUBB-I); MILLER K (MILL-I); POWELL K (POWE-I); STEPHENS D (STEP-I); WANG J (WANG-I)

Inventor: BENJAMIN K; GU B; MILLER K; POWELL K; STEPHENS D; WANG J

Patent Family (1 patents, 1 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update   |
|----------------|------|----------|--------------------|------|----------|----------|
| US 20090112726 | A1   | 20090430 | US 2001924671      | A    | 20010807 | 200931 B |
|                |      |          | US 2001266968      | P    | 20010206 |          |

Priority Applications (no., kind, date): US 2001266968 P 20010206; US 2001924671 A 20010807

#### Patent Details

| Number         | Kind | Lan | Pg | Dwg | Filing Notes                         |
|----------------|------|-----|----|-----|--------------------------------------|
| US 20090112726 | A1   | EN  | 13 | 5   | Related to Provisional US 2001266968 |

#### Alerting Abstract US A1

NOVELTY - The method involves setting an end time for concluding an auction, and receiving bids from remote bidders via a distributed computing network. A set of bids received within a predetermined time of the auction end time is measured. Duration of the auction is automatically extended, and another auction end time is set when a measured set of bids exceeds a threshold set of bids. Auction participants of the latter auction end time

are notified. A minimum bid difference, at which a succeeding bid differs from a preceding bid from the remote bidders, is set.

USE - Method for implementing automatic extension of an **auction** in response to bidding activity from **auction** participants in an **electronic commerce exchange** i.e. **electronic commerce** buying and selling operation, on a distributed computer network.

ADVANTAGE - The method facilitates automatic auction extension and user controlled standardized bid increment/decrement within **auctions** hosted on an **electronic commerce exchange**. The method facilitates solution for controlling frivolous bidding activity. The method reduces the inefficiencies associated with lag. The method facilitates dynamically altering the terms of the auction without risk of confusion to the auction participants. The auction participants are notified of the auction end time, thus eliminating confusion regarding the conditions of the auction.

DESCRIPTION OF DRAWINGS - The drawing shows a flowchart illustrating a process for implementing automatic extension of an **auction** in response to bidding activity from **auction** participants in an **electronic commerce exchange**.

Title Terms/Index Terms/Additional Words: AUTOMATIC; EXTEND; IMPLEMENT; METHOD; AUCTION; SET; END; TIME; RECEIVE; BID; REMOTE; DISTRIBUTE; COMPUTATION; NETWORK; NOTIFICATION; PARTICIPATING

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

|              |   |   |   |   |          |
|--------------|---|---|---|---|----------|
| G06Q-0030/00 | A | I | F | B | 20060101 |
| G06Q-0040/00 | A | I | L | B | 20060101 |
| G06Q-0090/00 | A | I | L | B | 20060101 |
| G06Q-0030/00 | C | I |   | B | 20060101 |
| G06Q-0040/00 | C | I |   | B | 20060101 |
| G06Q-0090/00 | C | I |   | B | 20060101 |

US Classification, Current Main: 705-026000; Secondary: 705-037000

US Classification, Issued: 70526, 70537

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A1; T01-N01D

22/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0018887758 - Drawing available

WPI ACC NO: 2009-G65029/200925

Negotiation generating method for e.g. electronic commerce buying operation, involves generating negotiation based on user response and metadata that is associated with negotiation type in response to user response

Patent Assignee: BENJAMIN K (BENJ-I); JAGADEBA R R (JAGA-I); SRIVASTAVA M (SRIV-I); WANG N (WANG-I)

Inventor: BENJAMIN K; JAGADEBA R R; SRIVASTAVA M; WANG N

Patent Family (1 patents, 1 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update   |
|----------------|------|----------|--------------------|------|----------|----------|
| US 20090089216 | A1   | 20090402 | US 2002185143      | A    | 20020627 | 200925 B |

Priority Applications (no., kind, date): US 2002185143 A 20020627

Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing | Notes |
|----------------|------|------|----|-----|--------|-------|
| US 20090089216 | A1   | EN   | 18 | 7   |        |       |

Alerting Abstract US A1

NOVELTY - The method involves receiving a request to generate negotiation of an item, and accessing common data and meta-data. A user interface specific to a negotiation type e.g. auction, request for information, request for quote and offer/counteroffer negotiation, is rendered based on the common data and meta-data associated with the negotiation type, where a user is prompted for a user response defining a term e.g. price, of the negotiation. The negotiation is generated in response to the user response based on the user response and the metadata associated with negotiation type.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a **computer**-readable medium comprising a **computer**-readable program code for generating **negotiation**
- 2.a **computer system** comprising a bus.

USE - Method for generating negotiation of an item e.g. goods and service, for electronic commerce buying and selling operations by a buyer and seller.

ADVANTAGE - The negotiation is generated in response to the user response based on the user response and the metadata associated with the negotiation type, thus requiring only one negotiation management tool irrespective of type of negotiations, while allowing viewing of information across various types of negotiations and switching between negotiation types without switching negotiation management tools in a cost effective manner.

DESCRIPTION OF DRAWINGS - The drawing shows a flowchart illustrating the steps involved in negotiation generating process.

Title Terms/Index Terms/Additional Words: NEGOTIATE; GENERATE; METHOD; ELECTRONIC; BUY; OPERATE; BASED; USER; RESPOND; ASSOCIATE; TYPE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I F B 20060101

G06Q-0030/00 C I F B 20090101

US Classification, Current Main: 705-080000; Secondary: 705-026000

US Classification, Issued: 70580, 70526

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H05B3; T01-J05B2C; T01-J12A; T01-J12B1; T01-N01A; T01-S03

22/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0017968473 - Drawing available

WPI ACC NO: 2008-H88797/200850

**Auction** method for e.g. attribute-based bidding in **electronic exchange**, involves calculating weighted score for attribute scores by multiplying each attribute score by relative weight, and totaling weighted score  
Patent Assignee: ORACLE INT CORP (ORAC)

Inventor: FOUSHEE R; HUDSON P; SRIVASTAVA M; **STEPHENS D**; WANG N  
Patent Family (1 patents, 1 countries)

| Patent Number | Kind | Date     | Application Number | Kind | Date     | Update   |
|---------------|------|----------|--------------------|------|----------|----------|
| US 7401034    | B1   | 20080715 | US 2002185167      | A    | 20020627 | 200850 B |

Priority Applications (no., kind, date): US 2002185167 A 20020627

#### Patent Details

| Number     | Kind | Lang | Pg | Dwg | Filing | Notes |
|------------|------|------|----|-----|--------|-------|
| US 7401034 | B1   | EN   | 15 | 8   |        |       |

#### Alerting Abstract US B1

NOVELTY - The method involves receiving a specification defining an auction for an item e.g. color. The auction is published to a bidder. A bid is received from the bidder, where the bid has bid values associated with attributes. A composite score for the bid is calculated. Attribute scores corresponding to the received bid are determined based on the received bid values. A weighted score for each attribute score is calculated by multiplying the attribute score by relative weight. The weighted score of the attribute score is totaled.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a **computer**-readable medium having a set of instructions to execute an **auction** method
- 2.a **computer** system comprising a bus.

USE - **Auction** method for attribute-based bidding and bid comparison of **electronic exchange**, for a **computer** system (claimed).

ADVANTAGE - The method allows an organizer to define the auction by determining attributes of the item and assigning the score based on the value submitted by the bid. The method allows the organizer to assign attributes of relative weight with respect to other attributes in an efficient manner.

DESCRIPTION OF DRAWINGS - The drawing shows a tabular representation of bids with composite scores and evaluation scores.

Title Terms/Index Terms/Additional Words: AUCTION; METHOD; ATTRIBUTE; BASED ; BID; ELECTRONIC; EXCHANGE; CALCULATE; WEIGHT; SCORE; MULTIPLICATION; RELATIVE

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I F B 20060101

G06Q-0030/00 C I F B 20060101

ECLA: G06Q-030/00C4

US Classification, Current Main: 705-026000; Secondary: 705-037000

US Classification, Issued: 70526, 70537

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-E02A; T01-E02B; T01-H05B4; T01-J04A; T01-N01A2A; T01-S03

22/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2009 Thomson Reuters. All rts. reserv.

0012764197 - Drawing available

WPI ACC NO: 2002-617832/200266

XRFX Acc No: N2002-489016

Advertiser and subscriber matching method for e-commerce applications, involves setting criteria for delivering advertisement data which is forwarded to matching system

Patent Assignee: WANG C (WANG-I); YI S R (YISR-I)

Inventor: WANG J C; YI S R

Patent Family (1 patents, 1 countries)

Patent

Application

| Number         | Kind | Date     | Number        | Kind | Date     | Update   |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020082908 | A1   | 20020627 | US 2000731564 | A    | 20001206 | 200266 B |

Priority Applications (no., kind, date): US 2000731564 A 20001206

Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing Notes |
|----------------|------|------|----|-----|--------------|
| US 20020082908 | A1   | EN   | 8  | 3   |              |

Alerting Abstract US A1

NOVELTY - An advertiser sets criteria for delivering advertisement data and forwards it to a matching system which in-turn sends a matching target back to the advertiser. The advertiser provides an advertisement to the matching system which is delivered to suitable subscriber. The service charge for matching and delivering the advertisement to the subscriber, is calculated after the subscriber browses through the advertisement.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Storage medium storing advertisement mode setting program; and
- 2.System for matching an advertiser and a subscriber.

USE - For automatically matching an advertiser and a subscriber through a communication network e.g. Internet for e-commerce applications.

ADVANTAGE - Product advertising effect is improved.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart describing the method for matching an advertiser and subscriber.

Title Terms/Index Terms/Additional Words: SUBSCRIBER; MATCH; METHOD; APPLY; SET; CRITERIA; DELIVER; ADVERTISE; DATA; FORWARDING; SYSTEM

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00A

US Classification, Current Main: 705-014000; Secondary: 705-400000

US Classification, Issued: 70514, 705400

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2C; T01-S03

22/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012730198

WPI ACC NO: 2002-582507/200262

XRPX Acc No: N2002-461903

Multi-exchange system for business-to-business e-commerce, has several e-commerce exchanges which share common support architecture

Patent Assignee: CHECKETTS V (CHEC-I); MILLER K (MILL-I); STAFFORD S (STAF-I); STEPHENS D (STEP-I)

Inventor: CHECKETTS V; MILLER K; STAFFORD S; STEPHENS D

Patent Family (1 patents, 1 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update   |
|----------------|------|----------|--------------------|------|----------|----------|
| US 20020069120 | A1   | 20020606 | US 2000730612      | A    | 20001205 | 200262 B |

Priority Applications (no., kind, date): US 2000730612 A 20001205

#### Patent Details

| Number         | Kind | Lan | Pg | Dwg | Filing Notes |
|----------------|------|-----|----|-----|--------------|
| US 20020069120 | A1   | EN  | 12 | 5   |              |

Alerting Abstract US A1

NOVELTY - Several **electronic-commerce exchanges** which are implemented within a common multi-exchange system, share a common support architecture.

DESCRIPTION - An INDEPENDENT CLAIM is included for multi-exchange implementation method.

USE - For facilitating business-to-business e-commerce.

ADVANTAGE - Eliminates the redundancy and duplicate components involved in implementing multiple exchanges. Eliminates repetitive communication actions required by buyers/sellers utilizing the exchanges. Provides more quick, efficient and reliable communication between exchanges.

Title Terms/Index Terms/Additional Words: MULTI; EXCHANGE; SYSTEM; BUSINESS ; SHARE; COMMON; SUPPORT; ARCHITECTURE

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00C

US Classification, Current Main: 705-026000

US Classification, Issued: 70526

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T01-N01A2F; T01-N02A;

T01-N02B1; T05-L02

## Text Search Results from Dialog

### A. Patent Files, Abstract

File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.  
 File 344:Chinese Patents Abs Jan 1985-2006/Jan  
 (c) 2006 European Patent Office  
 File 347:JAPIO Dec 1976-2009/Aug(Updated 091130)  
 (c) 2009 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2009/UD-200978  
 (c) 2009 Thomson Reuters

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 38256  | (ELECTRONIC? OR INTERNET OR WEB OR VIRTUAL? OR ONLINE OR C-COMPUTER?) (10N) (AUCTION? OR EXCHANG? OR SELL? (1W) (OFF OR OFFS) OR COMPETIT? OR (MATCH? OR NEGOTIAT?) (3N) (SYSTEM?? OR NETWORK?? OR FORUM? OR MARKETPLACE? OR VENUE?))                           |
| S2  | 355672 | (CONTENT OR CONTENTS OR ITEM OR ITEMS OR MERCHANDISE OR PRODUCT OR PRODUCTS OR ARTICLE? OR GOODS OR WARES OR COMMODIT? - OR INVENTORY OR INVENTORIES) (10N) (SPECIFY? OR SPECIFI? OR SELECT? OR CHOOOS? OR CHOSE? OR PICK? OR DECID? OR DECISION? OR DETERMIN?) |
| S3  | 33868  | (BASED OR ACCORDING OR WRT OR W(R)T OR DEPEND?) (5W) (DEMAND?? OR CALL OR CALLS OR AGE OR AGES OR OBSOLE? OR PERISHAB?)   |
| S4  | 5207   | (SALE OR SALES OR SELL? OR PURCHASE) (7N) (TERM OR TERMS OR REQUIREMENT? OR SPECIFICS OR CONDITION? OR ARRANGEMENT?)  |
| S5  | 204    | S4(5N) (INITIAL? OR FIRST OR BEGINNING OR ORIGINAL OR PREVIOUS? OR EARLIER OR PRIOR OR FORMER)  |
| S6  | 2167   | (SELECT? OR DETERMIN? OR FIGUR? OR CHOOOS? OR CHOSE? OR PICK? OR DECID? OR DECISION?) (10N) (WINNER? OR (WINNING OR BEST OR MOST OR ACCEPTABLE) (2N) (BID OR BIDS OR OFFER OR OFFERS))  |
| S7  | 632635 | SERVER? OR (DISTRIBUTED OR COMPUTER?) (2N) (SYSTEM?? OR NETWORK??)  |
| S8  | 42     | AU=( LYONS L? OR LYONS, L? OR LYONS (2N) (L OR LIZA))   |
| S9  | 257    | AU=( STEPHENS D? OR STEPHENS, D? OR STEPHENS (2N) (D OR DAVE))  |
| S10 | 565    | AU=( GU B? OR GU, B? OR GU (2N) (B OR BEN))   |
| S11 | 34205  | AU=( WANG J? OR WANG, J? OR V(2N) (J OR JAMES))   |
| S12 | 1      | AU=( BANJAMIN K? OR BANJAMIN, K? OR BANJAMIN (2N) (K OR KAR-EEM))   |
| S13 | 206    | AU=( POWELL K? OR POWELL, K? OR POWELL (2N) (K OR KIM))   |
| S14 | 46     | AU=( BENJAMIN K? OR BENJAMIN, K? OR BENJAMIN (2N) (K OR KAR-EEM))   |
| S15 | 2      | S8 AND S9 AND S10 AND S11 AND S13 AND (S12 OR S14)  |
| S16 | 35290  | S8 OR S9 OR S10 OR S11 OR S13 OR S12 OR S14   |
| S17 | 87     | S16 AND IC=(G06Q-030/00 OR G06Q-0030/00)  |
| S18 | 12312  | CATALOG OR CATALOGS OR CATALOGUE OR CATALOGUES OR PRODUCT(-) (LINE OR LINES)  |
| S19 | 36     | S16 AND S18   |
| S20 | 2      | S19 AND IC=(G06Q-030/00 OR G06Q-0030/00)  |
| S21 | 79     | S16 AND S1  |
| S22 | 9      | S21 AND IC=(G06Q-030/00 OR G06Q-0030/00)  |
| S23 | 11     | S18 AND S1 AND S2 AND S4  |
| S24 | 3      | S18 AND S1 AND S2 AND S3  |
| S25 | 211    | S18 AND S1  |



S26 91 S25 AND IC=(G06Q-030/00 OR G06Q-0030/00)  
 S27 26 S25 AND MC=(T01-N01A OR T01-N01D2 OR T01-N01D3 OR T01-N02A-  
 2C)  
 S28 16 S26 AND S27  
 S29 142 S25 AND S7  
 S30 67 S29 AND IC=(G06Q-030/00 OR G06Q-0030/00)  
 S31 9 S29 AND S2 AND S4  
 S32 1 S29 AND S2 AND S3  
 S33 1 S29 AND S5  
 S34 9 S29 AND S4  
 S35 60 S29 AND S2  
 S36 38 S35 AND IC=(G06Q-030/00 OR G06Q-0030/00)  
 S37 8 S35 AND MC=(T01-N01A OR T01-N01D2 OR T01-N01D3 OR T01-N02A-  
 2C)  
 S38 8 S37 AND IC=G06Q  
 S39 13 S23 OR S24 OR S31:S34  
 S40 10 S39 AND IC=G06Q  
 S41 53 S28 OR S36 OR S37 OR S40  
 S42 30 S41 AND AY=1950:2001

42/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0019367223 - Drawing available

WPI ACC NO: 2007-895728/200954

Related WPI Acc No: 2007-635913

On-line auction method for use in auction based procurement system,  
 involves ranking bids as leading bid and lagging bid by comparing each bid  
 with request for item

Patent Assignee: FEDBID INC (FEDB-N)

Inventor: BANDA F D; BERGANTINO G M; CANALI L J P; CANDELMO S P; FUSTER F J  
 ; HASSLINGER M J; SCHAFFNER J M; WALSH B B

Patent Family (1 patents, 1 countries)

| Patent     |      | Application |               |      |          |          |
|------------|------|-------------|---------------|------|----------|----------|
| Number     | Kind | Date        | Number        | Kind | Date     | Update   |
| US 7272579 | B1   | 20070918    | US 2000183154 | P    | 20000217 | 200954 B |
|            |      |             | US 2001784330 | A    | 20010216 |          |

Priority Applications (no., kind, date): US 2000183154 P 20000217; US  
 2001784330 A 20010216

#### Patent Details

| Number     | Kind | Lan | Pg | Dwg | Filing Notes                         |
|------------|------|-----|----|-----|--------------------------------------|
| US 7272579 | B1   | EN  | 44 | 26  | Related to Provisional US 2000183154 |

#### Alerting Abstract US B1

NOVELTY - The bids are received from computers of potential vendors (30), based on request for item received from a customer terminal. The bids are ranked as leading bid and lagging bid by comparing each bid with the request for item. A re-bid for the lagging bid is automatically initiated by comparing each leading bid with a preset limit for the sender of the lagging bid. The auction result is **determined** based on the exact match between the request for the **item** and one of the bids satisfying the request for the item.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. **auction** apparatus;
2. on-line **auction system**; and
3. **computer** program product for on-line **auction**.

USE - On-line auction method for use in auction based procurement system.

ADVANTAGE - Enhances the purchase experience for both buyers and sellers by offering intelligent, practical and useful information which is customized and pushed to a particular end user. Allows a buyer to avoid spending unnecessary time looking through **catalogs** and allows a seller to avoid spending unnecessary costs through advertising.

DESCRIPTION OF DRAWINGS - The drawing shows the flowchart of operation of the auction based procurement system.

- 30 Vendors
- 122 Bid aggregation and distribution process
- 123 Pooling process
- 132 Bid staging analysis process
- 134 Quote matching process
- 138 Ranking process

Title Terms/Index Terms/Additional Words: ON-LINE; AUCTION; METHOD; BASED; SYSTEM; RANK; BID; LEADING; LAG; COMPARE; REQUEST; ITEM

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0040/00 A I F B 20060101

G06Q-0040/00 C I B 20060101

US Classification, Issued: 70537, 70526

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A1; T01-N01D; T01-S03

42/5/2 (Item 2 from file: 350) \*\*\*\*\*Your case\*\*\*\*\*

DIALOG(R)File 350:Derwent WPIX

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0019000648 - Drawing available

WPI ACC NO: 2009-H76642/200931

**Catalog content specifying method for electronic auction in electronic commerce exchange**, involves **determining competitive** bid out of bids received for **contents**, and completing sale of contents using competitive bid

Patent Assignee: BANJAMIN K (BANJ-I); GU B (GUBB-I); LYONS L (LYON-I);

POWELL K (POWE-I); STEPHENS D (STEP-I); WANG J (WANG-I)

Inventor: BANJAMIN K; GU B; LYONS L; POWELL K; STEPHENS D; WANG J

Patent Family (1 patents, 1 countries)

Patent Application

| Number         | Kind | Date     | Number        | Kind | Date     | Update   |
|----------------|------|----------|---------------|------|----------|----------|
| US 20090112772 | A1   | 20090430 | US 2001912891 | A    | 20010724 | 200931 B |
|                |      |          | US 2001266904 | P    | 20010206 |          |

Priority Applications (no., kind, date): US 2001266904 P 20010206; US 2001912891 A 20010724

#### Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing Notes                         |
|----------------|------|------|----|-----|--------------------------------------|
| US 20090112772 | A1   | EN   | 12 | 5   | Related to Provisional US 2001266904 |

Alerting Abstract US A1

NOVELTY - The method involves receiving **specified initial terms** for a **sale for contents** for an auction, where the initial terms are **selected** from a group consisting of delivery and minimum opening bid. An auction is initiated for the **contents** using **specified catalog contents**. Continuous bids are received, compared and updated for the contents from remote bidders via a **distributed computer network**. A **competitive bid** is **determined** out of the bids received for the **contents**, and the sale of the contents is completed using the competitive bid.

USE - Method for **specifying catalog contents** for an **electronic auction** in an **electronic commerce exchange** in an **electronic commerce exchange** on a **distributed computer network** e.g. **Internet** (claimed).

ADVANTAGE - The method efficiently provides price competitiveness of auction based selling with along the efficiency aspects of **catalog** based selling. The method reduces risks inherent with setting pricing/terms of items for electronic **catalogs** in an efficient manner.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic diagram illustrating an **electronic commerce auction** operation.

100 **Electronic exchange auction system**  
101 Exchange **server** host  
110 Seller client  
120-123 Buyer clients  
150 **Distributed computer network**

Title Terms/Index Terms/Additional Words: **CATALOGUE**; **CONTENT**;  
**SPECIFIED**; **METHOD**; **ELECTRONIC**; **AUCTION**; **EXCHANGE**; **DETERMINE**; **COMPETE**; **BID**;  
; **RECEIVE**; **COMPLETE**; **SALE**

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

**G06Q-0030/00** A I F B 20060101

**G06Q-0030/00** C I B 20060101

US Classification, Current Main: 705-080000; Secondary: 705-026000, 705-027000

US Classification, Issued: 70580, 70526, 70527

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): **T01-N01A**; **T01-N01D2**; **T01-N01D3**; **T01-N02A2C**

42/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013348353 - Drawing available

WPI ACC NO: 2003-436168/200341

XRFX Acc No: N2003-348581

**Internet**-based presents **exchange** system allows terminal on receiving side to **select goods** to be transmitted and **goods** to be returned, from shown goods group in **catalogue** using goods handling management unit

Patent Assignee: KURITA H (KURI-I)

Inventor: KURITA H

Patent Family (1 patents, 1 countries)

| Patent Number | Kind | Date     | Application Number | Kind | Date     | Update   |
|---------------|------|----------|--------------------|------|----------|----------|
| JP 2003150684 | A    | 20030523 | JP 2001351667      | A    | 20011116 | 200341 B |

Priority Applications (no., kind, date): JP 2001351667 A 20011116

Patent Details

| Number        | Kind | Lan | Pg | Dwg | Filing | Notes |
|---------------|------|-----|----|-----|--------|-------|
| JP 2003150684 | A    | JA  | 12 | 7   |        |       |

Alerting Abstract JP A

NOVELTY - The system matches e-mail address of presents exchange person with presented person using **catalogue** database (DB2). The terminal (2) on receiving side is notified about the present through e-mail and goods in **catalogue** is shown at terminal of receiving side. The terminal on receiving side **selects goods** to be transmitted and **goods** to be returned from the shown goods group using goods handling management unit (17).

DESCRIPTION - An INDEPENDENT CLAIM is also included for presents exchange **server**.

USE - For **exchanging** presents using **internet**.

ADVANTAGE - Since desired present is selected from the **catalogue** the satisfaction of the presented person is increased. The presents are delivered reliably with less cost since the presents are transferred after deciding the presented person.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of presents exchange system. (Drawing includes non- English language text).

2 terminal

17 goods handling management unit

Title Terms/Index Terms/Additional Words: BASED; PRESENT; EXCHANGE; SYSTEM; ALLOW; TERMINAL; RECEIVE; SIDE; SELECT; GOODS; TRANSMIT; RETURN; GROUP; **CATALOGUE**; HANDLE; MANAGEMENT; UNIT

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

**G06Q-0030/00** A I L R 20060101

G06Q-0050/00 A I F R 20060101

**G06Q-0030/00** C I L R 20060101

G06Q-0050/00 C I F R 20060101

JP Classification

| FI Term | Facet | Rank | Type |
|---------|-------|------|------|
|---------|-------|------|------|

|             |     |  |  |
|-------------|-----|--|--|
| G06F-017/60 | 118 |  |  |
|-------------|-----|--|--|

|             |     |   |  |
|-------------|-----|---|--|
| G06F-017/60 | 318 | G |  |
|-------------|-----|---|--|

|             |     |  |  |
|-------------|-----|--|--|
| G06F-017/60 | 328 |  |  |
|-------------|-----|--|--|

| F-Term | View Point | Additional |
|--------|------------|------------|
|--------|------------|------------|

| Theme | + Figure | Code |
|-------|----------|------|
|-------|----------|------|

|       |  |  |
|-------|--|--|
| 5B049 |  |  |
|-------|--|--|

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): **T01-N01A**

42/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013293704 - Drawing available

WPI ACC NO: 2003-380387/200336

XRPX Acc No: N2003-303790

Web-based customized capital equipment purchase system e.g. for medical equipment, has **exchange web** provided with link to access product provider **web** page to receive price quotation

Patent Assignee: GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY CO (GENE)

Inventor: HEINEN J; ZILER D L

Patent Family (1 patents, 1 countries)

Patent Application

| Number         | Kind | Date     | Number        | Kind | Date     | Update   |
|----------------|------|----------|---------------|------|----------|----------|
| US 20030028449 | A1   | 20030206 | US 2001920261 | A    | 20010801 | 200336 B |

Priority Applications (no., kind, date): US 2001920261 A 20010801

#### Patent Details

| Number         | Kind | Lan | Pg | Dwg | Filing | Notes |
|----------------|------|-----|----|-----|--------|-------|
| US 20030028449 | A1   | EN  | 10 | 3   |        |       |

Alerting Abstract US A1

NOVELTY - A hyperlink is provided in the business-to-business **exchange web** page containing product data for several capital equipment to enable user to access a product provider **web** page through **exchange web** page to receive price quotation corresponding to desired configuration. An acceptance module is provided in **exchange web** page to receive acceptance of quoted prices.

DESCRIPTION - An INDEPENDENT CLAIM is included for customized capital equipment purchase method.

USE - For purchasing medical equipment such as MR scanner, ultrasound devices.

ADVANTAGE - Allows product provider to receive configuration requests from several business to business exchanges. Provides same module to display price quotations and to receive acceptances to allow uniformity of process and to ease the administration of product provider. Enables potential purchaser to view items offered for sale by product provider by directing purchaser to product provider web page.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart of product purchasing method.

Title Terms/Index Terms/Additional Words: WEB; BASED; CUSTOMISATION; CAPITAL; EQUIPMENT; PURCHASE; SYSTEM; MEDICAL; EXCHANGE; LINK; ACCESS; PRODUCT; PAGE; RECEIVE; PRICE; QUOTATION

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I R 20060101

G06Q-0010/00 C I R 20060101

ECLA: G06Q-010/00E

US Classification, Current Main: 705-027000; Secondary: 705-037000

US Classification, Issued: 70527, 70537

File Segment: EPI;

DWPI Class: S05; T01; T05

Manual Codes (EPI/S-X): S05-G02; T01-N01A1; T01-N01A2B; **T01-N01D2**; T05-L02

42/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012941481 - Drawing available

WPI ACC NO: 2003-018158/200301  
XREFX Acc No: N2003-014031

E-procurement method for government, business entities, involves identifying winning bid from several bids posted in real time for reverse auction based on applying preset criteria

Patent Assignee: DANFORTH S (DANF-I); HEIMERMAN S A (HEIM-I)

Inventor: DANFORTH S; HEIMERMAN S A

Patent Family (2 patents, 1 countries)

| Patent         |      | Application |               |      |          |          |
|----------------|------|-------------|---------------|------|----------|----------|
| Number         | Kind | Date        | Number        | Kind | Date     | Update   |
| US 20020143692 | A1   | 20021003    | US 2000226818 | P    | 20000822 | 200301 B |
|                |      |             | US 2001934411 | A    | 20010821 |          |
| US 7110976     | B2   | 20060919    | US 2001934411 | A    | 20010821 | 200662 E |

Priority Applications (no., kind, date): US 2000226818 P 20000822; US 2001934411 A 20010821

#### Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing Notes                         |
|----------------|------|------|----|-----|--------------------------------------|
| US 20020143692 | A1   | EN   | 34 | 6   | Related to Provisional US 2000226818 |

#### Alerting Abstract US A1

NOVELTY - The request for goods and/or services for reverse **auction** are digitally posted in **web** site in the form of soliciting bids in real time, when any order remain open for bidding for a specified period. The bid is accepted or refused according to a winning bid identified based on a preset criteria.

USE - For enabling e-procurement of goods and/or services by government or business entities.

ADVANTAGE - By employing **online reverse auction**, **competition** is forced among a large number of authorized suppliers. Also, the procurement flow is automated and uninterrupted, thus maximizing overall efficiency. Also, enables qualifying the requisitions from the bidders on a centralized and real time basis.

DESCRIPTION OF DRAWINGS - The figure shows a high level structure of the business process for automated e-procurement for government entities.

Title Terms/Index Terms/Additional Words: METHOD; GOVERN; BUSINESS; ENTITY; IDENTIFY; WINNING; BID; POST; REAL; TIME; REVERSE; AUCTION; BASED; APPLY; PRESET; CRITERIA

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0040/00 A I F B 20060101

G06Q-0030/00 C I R 20060101

G06Q-0040/00 C I F B 20060101

ECLA: G06Q-030/00C

US Classification, Current Main: 705-037000; Secondary: 705-001000, 705-008000, 705-022000, 705-026000, 705-035000

US Classification, Issued: 70526, 70537, 70537, 70535, 7051, 7058, 70522

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2B; T01-N02A

42/5/13 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0012847686 - Drawing available

WPI ACC NO: 2002-706202/200276

XRPX Acc No: N2002-556779

Electronic **catalog** provision method for electronic commerce, involves linking databases including descriptive data items of products to corresponding product part numbers dynamically and updating databases

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: FORMIGA XAVIER C J C D; LOAR C H; ROBERTS R L; WIESEHUEGEL L J

Patent Family (1 patents, 1 countries)

Patent Application

| Number         | Kind | Date     | Number        | Kind | Date     | Update   |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020103721 | A1   | 20020801 | US 2001773197 | A    | 20010131 | 200276 B |

Priority Applications (no., kind, date): US 2001773197 A 20010131

#### Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing | Notes |
|----------------|------|------|----|-----|--------|-------|
| US 20020103721 | A1   | EN   | 9  | 4   |        |       |

Alerting Abstract US A1

NOVELTY - Databases including descriptive data items of the available products are linked dynamically to part numbers of products. The contents of the databases are updated to provide most recent descriptive information about the products.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Computer-readable medium containing program code for providing electronic products for bid or purchase in a **computer system**; and
- 2.**Dynamic catalog** in a **computer system**.

USE - For **electronic commerce**, **online sales**, **auctioning operation**, **online bid collection process, etc.**

ADVANTAGE - Dynamically collection of descriptive information of the items available for purchase is enabled. The need to gather information manually is eliminated. Updates information automatically and simply.

DESCRIPTION OF DRAWINGS - The figure shows organization of the components of generalized system architecture.

Title Terms/Index Terms/Additional Words: ELECTRONIC; **CATALOGUE**;

PROVISION; METHOD; LINK; DESCRIBE; DATA; ITEM; PRODUCT; CORRESPOND; PART; NUMBER; DYNAMIC; UPDATE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00A

US Classification, Current Main: 705-027000

US Classification, Issued: 70527

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4M; T01-J05B4P; T01-N01A2A; T01-N01A2C; T01-S03

42/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012677900

WPI ACC NO: 2002-528257/200256

XRPX Acc No: N2002-418240

Method of conducting **auctions** by receiving real time bids on a **web** platform and sending the current highest bid to a cyberclerk which participates in a live auction against live bidders on behalf of the current highest bidder

Patent Assignee: EAUCTIONROOM LTD (EAUC-N)

Inventor: THUT F

Patent Family (2 patents, 98 countries)

| Patent        |             | Application   |                     |
|---------------|-------------|---------------|---------------------|
| Number        | Kind Date   | Number        | Kind Date Update    |
| WO 2002048931 | A2 20020620 | WO 2001182791 | A 20011213 200256 B |
| AU 2002233570 | A8 20050908 | AU 2002233570 | A 20011213 200568 E |

Priority Applications (no., kind, date): US 2000255529 P 20001214

#### Patent Details

| Number        | Kind | Lan | Pg | Dwg | Filing | Notes |
|---------------|------|-----|----|-----|--------|-------|
| WO 2002048931 | A2   | EN  | 21 | 6   |        |       |

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ  
VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002233570 A8 EN Based on OPI patent WO 2002048931

Alerting Abstract WO A2

NOVELTY - **Web** users can browse an on-line **auction catalogue** and download video clips of the pre-sale exhibition and the saleroom. A cyberclerk receives **online** bids from pre-registered **online** users during a live **auction** and submits the best **online** bids in real time during the **auction**.

DESCRIPTION - An INDEPENDENT CLAIM is included for a system for conducting auctions.

USE - Auctioning goods.

ADVANTAGE - Allows **online** users to participate in a live **auction**.

Title Terms/Index Terms/Additional Words: METHOD; CONDUCTING; AUCTION;  
RECEIVE; REAL; TIME; BID; WEB; PLATFORM; SEND; CURRENT; HIGH; LIVE

#### Class Codes

International Classification (Main): G06F-017/60

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00C4

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01D; T01-N01D2



42/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011159738 - Drawing available

WPI ACC NO: 2002-097133/200213

XREFX Acc No: N2002-071771

Information **exchange** method e.g. for sales and services information in **Internet**, involves transmitting information about seekers and vendors to vendors and seekers, by matching seeker queries with vendor's item records

Patent Assignee: BOUCOUSIS P C M (BOUC-I); METAL ROAD INC (META-N)

Inventor: BOUCOUSIS P C M

Patent Family (3 patents, 2 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update     |
|----------------|------|----------|--------------------|------|----------|------------|
| US 20010054015 | A1   | 20011220 | US 2000211837      | P    | 20000615 | 200213 B   |
|                |      |          | US 2001881991      | A    | 20010615 |            |
| AU 200151969   | A    | 20011220 | AU 200151969       | A    | 20010615 | 200213 E   |
| AU 2006252262  | A1   | 20070125 | AU 200151969       | A    | 20010615 | 200732 NCE |
|                |      |          | AU 2006252262      | A    | 20061222 |            |

Priority Applications (no., kind, date): US 2000211837 P 20000615; US 2001881991 A 20010615; AU 2006252262 A 20061222

Patent Details

| Number         | Kind | Lang | Pg | Dwg | Filing Notes                         |
|----------------|------|------|----|-----|--------------------------------------|
| US 20010054015 | A1   | EN   | 9  | 3   | Related to Provisional US 2000211837 |
| AU 2006252262  | A1   | EN   |    |     | Division of application AU 200151969 |

Alerting Abstract US A1

NOVELTY - The vendor's item records are listed in a listing **catalogue** (9) of an electronically searchable data structure (12). The data structure is searched based on the queries generated by seekers (1a-1n). Seeker's queries are matched with the listed vendor's item records and the information about the seekers (1a-1n) and vendors (5a-5n) are transmitted to the vendors and seekers respectively.

DESCRIPTION - An INDEPENDENT CLAIM is also included for network business application.

USE - For **exchange** of information about **online** services and sales of products such as books, film items, music recordings and other consumer products between vendors and seekers over **computer network** such as Internet.

ADVANTAGE - Facilitates **electronic exchange** of information between vendors and seekers who are unknown to each other.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the **computer system**.

1a-1n Seekers  
5a-5n Vendors  
9 Listing **catalogue**  
12 Data structure

Title Terms/Index Terms/Additional Words: INFORMATION; EXCHANGE; METHOD; SALE; SERVICE; TRANSMIT; SEEKER; VENDING; MATCH; QUERY; ITEM; RECORD

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I R 20060101  
**G06Q-0030/00** A I R 20060101

G06F-0017/30 A I F B 20060101  
 G06F-0017/30 C I R 20060101  
**G06Q-0030/00** C I R 20060101  
 G06F-0017/30 C I B 20060101

ECLA: G06Q-030/00C

US Classification, Current Main: 705-026000; Secondary: 707-003000

US Classification, Issued: 7073, 70526

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-E01C; T01-J05B; T01-N01A2B

42/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010999127 - Drawing available

WPI ACC NO: 2001-624252/200172

Related WPI Acc No: 1999-243504; 2001-456880

XRPX Acc No: N2001-465072

**Online product auction** involves initiating transfer of funds upon receipt of financial data from purchaser to complete sale of product, and sending purchaser with message confirming purchase of product

Patent Assignee: BID.COM INT INC (BIDC-N)

Inventor: GODIN P B; LYMBURNER J

Patent Family (1 patents, 1 countries)

| Patent     |      |          | Application   |      |          |          |
|------------|------|----------|---------------|------|----------|----------|
| Number     | Kind | Date     | Number        | Kind | Date     | Update   |
| US 6266652 | B1   | 20010724 | US 1996703036 | A    | 19960826 | 200172 B |
|            |      |          | US 1999264865 | A    | 19990309 |          |

Priority Applications (no., kind, date): US 1996703036 A 19960826; US 1999264865 A 19990309

#### Patent Details

| Number     | Kind | Lang | Pg | Dwg | Filing Notes   |
|------------|------|------|----|-----|--|
| US 6266652 | B1   | EN   | 20 | 12  | Division of application US 1996703036<br>Division of patent US 5890138 |

#### Alerting Abstract US B1

**NOVELTY** - The remaining quantity of an auctioned product is increased if the time limit for obtaining financial data from a purchaser is exceeded. A transfer of funds is initiated upon receipt of the financial data to complete the sale of the product, and a message confirming the purchase of the product is sent to the purchaser.

**DESCRIPTION** - A product is auctioned at a designated time and a fixed time period for completing the auction is set up. A current price for the product is displayed and decreases as the remaining time for auctioning decreases. The remaining quantity of the product decreases to immediately reflect instructions received from purchasers. A potential purchaser is removed from the auction after the purchaser has purchased the product. The price of the product continues to decrease and is displayed to potential purchasers that have not been removed. The potential purchasers are then registered and financial data for payment of the product is recorded. An **INDEPENDENT CLAIM** is also included for a **computer site for auctioning** product on-line.

**USE** - For **computerized auction system**.

**ADVANTAGE** - Enables manufacturer to track price demand nature of product,

thereby providing manufacturer with valuable marketing information. Allows many users to participate in auction process and rapidly process and provide feedback of sales as they are indicated many times within last minutes of auction.

DESCRIPTION OF DRAWINGS - The figure is an overview showing logic regarding the auction process.

Title Terms/Index Terms/Additional Words: PRODUCT; AUCTION; INITIATE; TRANSFER; FUND; RECEIPT; FINANCIAL; DATA; PURCHASE; COMPLETE; SALE; SEND; MESSAGE; CONFIRM

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0020/00 A I R 20060101

**G06Q-0030/00** A I R 20060101

G06Q-0020/00 C I R 20060101

**G06Q-0030/00** C I R 20060101

ECLA: G06Q-020/00K2B, G06Q-030/00C

US Classification, Current Main: 705-037000; Secondary: 705-026000, 705-027000

US Classification, Issued: 70537, 70526, 70527

File Segment: EPI;

OWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A1; T01-J05A2; T01-J05B2; T05-L02

42/5/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010839153 - Drawing available

WPI ACC NO: 2001-457155/200149

XRPX Acc No: N2001-338843

Procurement system e.g. for the Internet, uses reverse **auction** and

**computer network** technologies in conjunction with open market,

quality assurance and anonymous bidder and buyer processes

Patent Assignee: DATA EXCHANGE CORP (DATA-N)

Inventor: BURG W D; COFFMAN A H; DICKINSON C T; MALCHICOFF S; SCHNEEMAN L; STANFORTH M C

Patent Family (2 patents, 92 countries)

Patent Application

| Number        | Kind | Date     | Number         | Kind | Date     | Update   |
|---------------|------|----------|----------------|------|----------|----------|
| WO 2001035292 | A1   | 20010517 | WO 2000US30343 | A    | 20001103 | 200149 B |
| AU 200115826  | A    | 20010606 | AU 200115826   | A    | 20001103 | 200152 E |

Priority Applications (no., kind, date): US 1999163885 P 19991105; US

2000664639 A 20000919

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2001035292 A1 EN 34 8

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

## Alerting Abstract WO A1

NOVELTY - Method for conducting an auction includes receiving a request from a buyer to procure the item, then giving notice to each of the suppliers that an auction is to be conducted to **determine** the supplier of the requested **item**. The suppliers have access via a **computer network** to a **computer system** that conducts the **auction**. Next, the **auction** is conducted over a period of time in which some or all of the suppliers submit bids at which each agrees to supply the requested item.

DESCRIPTION - At the end of the auction, a lowest bid is determined and whether the lowest bid is below a target price. If there is a bid below the target price, the lowest bidder is declared to be the auction winner and the winner is so informed. Lastly, the item is procured from the auction winner. INDEPENDENT CLAIMS are also included for the following: the method for procuring an item; system connected to a **computer network**

USE - For the Internet.

ADVANTAGE - Pricing process, by means of a reverse auction, favors both the seller and the buyer. The buyer's advantage is that the buyer receives a product or service at a lower cost because of the reverse auction process and the supplier's advantage is that the supplier is guaranteed the sale if the supplier was the lowest bidder and below the target price set by the buyer. Anyone, at any time, can become a supplier; no qualification is required. Because product quality is assured by the assurer, the procurement system of the present invention substantially guarantees that the buyer will not receive sub-standard product and buyer returns and refunds will be substantially eliminated. Requesting items to be supplied by an auction winner and bidding for the items completely anonymous. This assures a completely un-biased procurement system and prevents market alterations based upon the identity of either the buyer or the seller.

DESCRIPTION OF DRAWINGS - The diagram shows the **computer network system** over which **auctions** are conducted

40 Internet

54 database **server**

42, 44, 58 client **computer system**

Title Terms/Index Terms/Additional Words: SYSTEM; REVERSE; AUCTION;

COMPUTER; NETWORK; CONJUNCTION; OPEN; MARKET; QUALITY; ASSURE; BUY; PROCESS

## Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00C

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C5E; T01-H07C5S; T01-J05A1; T01-J05A2; T01-J05B4P

42/5/21 (Item 21 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0010823956 - Drawing available

WPI ACC NO: 2001-441163/200147

XRFX Acc No: N2001-326398

**Auction** item cataloging apparatus for **online** interactive communication, has database which stores description, attribute and general object category of **specific** auction **item**, in association with the **item**

Patent Assignee: GEBOT INC (GEBOT-N)

Inventor: NELSON D J

Patent Family (2 patents, 90 countries)

| Patent Number | Kind | Date     | Application Number | Kind | Date     | Update   |
|---------------|------|----------|--------------------|------|----------|----------|
| WO 2001022256 | A1   | 20010329 | WO 2000US21977     | A    | 20000921 | 200147 B |
| AU 200075720  | A    | 20010424 | AU 200075720       | A    | 20000921 | 200147 E |

Priority Applications (no., kind, date): US 1999400737 A 19990921; US 2000666119 A 20000920

#### Patent Details

| Number | Kind | Lang | Pg | Dwg | Filing | Notes |
|--------|------|------|----|-----|--------|-------|
|--------|------|------|----|-----|--------|-------|

|               |    |    |     |    |  |  |
|---------------|----|----|-----|----|--|--|
| WO 2001022256 | A1 | EN | 123 | 52 |  |  |
|---------------|----|----|-----|----|--|--|

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

|              |   |    |  |  |                     |               |
|--------------|---|----|--|--|---------------------|---------------|
| AU 200075720 | A | EN |  |  | Based on OPI patent | WO 2001022256 |
|--------------|---|----|--|--|---------------------|---------------|

Alerting Abstract WO A1

NOVELTY - **Server** (110) stores list of attributes of potential auction items and list of general object categories for potential auction items, in different memory areas. A database (124) provided in **server** stores auction item information such as description, an attribute and a general object category of a **specific** auction **item**, in association with the **item**.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Remote mechanizing method of archiving of auction items;
- 2.Apparatus for remotely mechanizing cataloging of items

USE - For online interactive communication with user.

ADVANTAGE - The items can be cataloged in simple manner and retrieved and hence the precise textual description for items are not needed for locating items.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram overview of auction house inventory cataloging and searching system with auction item cataloging apparatus.

110 **Server**

124 Database

Title Terms/Index Terms/Additional Words: AUCTION; ITEM; APPARATUS; INTERACT; COMMUNICATE; DATABASE; STORAGE; DESCRIBE; ATTRIBUTE; GENERAL; OBJECT; CATEGORY; SPECIFIC; ASSOCIATE

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00A

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C3E; T01-H07C5E; T01-J05A1; T01-J05A2;  
T01-J05B2; T01-J05B4

42/5/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010717591 - Drawing available

WPI ACC NO: 2001-328520/200134

XREFX Acc No: N2001-236410

Product or service on-line **auctioning** method over **Internet**,  
involves allowing competing vendors to respond to baseline entry  
publication so as to offer better **purchase terms** than those  
associated with baseline offer

Patent Assignee: ZOOMIX INC (ZOOM-N)

Inventor: BEN SHOHAM A; OMER A

Patent Family (2 patents, 92 countries)

| Patent<br>Number | Kind | Date     | Application<br>Number | Kind | Date     | Update |   |
|------------------|------|----------|-----------------------|------|----------|--------|---|
| WO 2001029720    | A2   | 20010426 | WO 2000IL651          | A    | 20001013 | 200134 | B |
| AU 200079417     | A    | 20010430 | AU 200079417          | A    | 20001013 | 200148 | E |

Priority Applications (no., kind, date): IL 132441 A 19991018

#### Patent Details

| Number        | Kind | Lan | Pg | Dwg | Filing | Notes |
|---------------|------|-----|----|-----|--------|-------|
| WO 2001029720 | A2   | EN  | 31 | 8   |        |       |

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200079417 A EN Based on OPI patent WO 2001029720

Alerting Abstract WO A2

NOVELTY - The **purchase terms** and baseline entry indicating a  
**product** or service to be purchased by perspective purchaser and  
**selected** vendor, are received. Competing vendors are allowed to  
respond to baseline entry publication and better **purchase terms**  
than those associated with baseline offer.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. **Auction server;**
2. **Computer** program **product;**
3. **Program** storage device

USE - For **auctioning** product or service on-line over **Internet**.

ADVANTAGE - Competing vendors bid for custom and receive  
pricing details of winning bid, allowing them to under cut the winning bid  
if so required within a predefined time frame.

DESCRIPTION OF DRAWINGS - The figure shows the flow chart diagram  
illustrating the auctioning method of product or service on-line.

Title Terms/Index Terms/Additional Words: PRODUCT; SERVICE; LINE; METHOD;  
ALLOW; COMPETE; VENDING; RESPOND; BASELINE; ENTER; PUBLICATION; SO; OFFER

; PURCHASE; TERM; ASSOCIATE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00A

File Segment: EPI;

DWPI Class: T01; T05; W01

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A1; T01-S03; T05-L02; W01-A06B7

42/5/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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G010059385 - Drawing available

WPI ACC NO: 2000-364951/200031

XRPX Acc No: N2000-273138

Internet based electronic commerce business transaction processor, performs

billing for retail customer for ordered product authorized for shipment

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Patent Family (3 patents, 83 countries)

Patent

| Number        | Kind | Date     | Application<br>Number | Kind | Date     | Update   |
|---------------|------|----------|-----------------------|------|----------|----------|
| WO 2000023929 | A1   | 20000427 | WO 1999US24453        | A    | 19991019 | 200031 B |
| AU 199964336  | A    | 20000508 | AU 199964336          | A    | 19991019 | 200037 E |
| EP 1040440    | A1   | 20001004 | EP 1999952033         | A    | 19991019 | 200050 E |
|               |      |          | WO 1999US24453        | A    | 19991019 |          |

Priority Applications (no., kind, date): US 1998104829 P 19981019; US

1999343547 A 19990630

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2000023929 A1 EN 41 6

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW NL CA PT SD SE SL SZ TZ UG ZW

AU 199964336 A EN Based on OPI patent WO 2000023929

EP 1040440 A1 EN PCT Application WO 1999US24453

Based on OPI patent WO 2000023929

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI

Alerting Abstract WO A1

NOVELTY - A distribution selection processor dynamically allocates a particular order to one of distributor's handling a particular product involved in purchase order, based on specific selection criteria, and also authorizes selected distributor to ship ordered product to retail customer. A payment processor (40) performs billing for retail customer for ordered product authorized for shipment.

DESCRIPTION - Catalog-type product data for selected

**products**, are stored in a database (70). A communication interface **selectively** permits one of retail customers to **selectively** access the **product** data stored in the database. An electronic order form is provided for retail customer to place a purchase order of the **selected product**. The order processor processes the placed purchase orders. The distribution **selection** processor dynamically allocating a particular **product** to distributors, has a comparator which compares like types of **product** data for distributors handling-like **product**, to **determine** an optimum distributor **selection** based on **selection** criteria including **product** price, availability, shipping date, shipping location or discount data. An INDEPENDENT CLAIM is also included for Internet based electronic commerce business transaction processing method.

USE - For processing electronic commerce business transactions e.g. for computer related products, etc in Internet.

ADVANTAGE - The modular design of business transaction processor allows the distribution of processing load among several parallel service, thereby enabling faster processing of transactions and providing expandability for future growth. Interacts with multiple distributors, thereby enabling larger **selection of products** with higher availability and aggressively competitive pricing. Utilizes multilevel fraud checking system incorporating propriety as well as commercially available fraud checking system, thereby enabling high level of risk management. The business transaction processor is fully automated, including automatic generation of **electronic catalog**, **competitive** pricing engine according to flexible rule-based algorithms, and automatic feedback to the customer.

DESCRIPTION OF DRAWINGS - The figure shows block diagram of over all Internet based e-mail business transaction processing system.

40 Payment processor(70) Database

Title Terms/Index Terms/Additional Words: BASED; ELECTRONIC; BUSINESS; TRANSACTION; PROCESSOR; PERFORMANCE; BILL; RETAIL; CUSTOMER; ORDER; PRODUCT; SHIPPING

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I R 20060101

G06Q-0030/00 C I R 20060101

ECLA: G06Q-030/00C

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A1; T01-J05B4P

42/5/26 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009312600 - Drawing available

WPI ACC NO: 1999-243504/199920

Related WPI Acc No: 2001-456880; 2001-624252

XRPX Acc No: N1999-181241

Product auctioning method for on-line shopping

Patent Assignee: BIDCOM INT INC (BIDC-N)

Inventor: GODIN P B; LYMBURNER J



Patent Family (1 patents, 1 countries)

| Patent Number | Kind | Date     | Application Number | Kind | Date     | Update   |
|---------------|------|----------|--------------------|------|----------|----------|
| US 5890138    | A    | 19990330 | US 1996703036      | A    | 19960826 | 199920 B |

Priority Applications (no., kind, date): US 1996703036 A 19960826

#### Patent Details

| Number     | Kind | Lang | Pg | Dwg | Filing | Notes |
|------------|------|------|----|-----|--------|-------|
| US 5890138 | A    | EN   | 18 | 12  |        |       |

#### Alerting Abstract US A

NOVELTY - The purchaser who wishes to purchase the assigned auction product at the displayed price is removed from auction process. Then, the price variation is carried out to remaining purchasers. Then, financial data of the removed purchaser is registered. When the financial data is not available within set time, the product quantity is raised.

DESCRIPTION - When the financial data is obtained within the time limits, transfer of funds to complete the sales of the auctioned product is performed. Then confirmation message is output to respective purchaser. The product quantity is decreased according to the purchase desire of customer. An INDEPENDENT CLAIM is included for the computer based auction system.

USE - For on-line shopping using internet.

ADVANTAGE - As sensitive data is maintained for less time, the response to service requests is made maximum and thereby raises serviceability. The final prices is not indicated to the other customer as the purchaser is removed quickly from the access time after confirmation. The unwanted participants are prevented from unauthorized sales, by providing individual identity data to each other.

DESCRIPTION OF DRAWINGS - The figure shows the logic flow showing the product on-line method.

Title Terms/Index Terms/Additional Words: PRODUCT; METHOD; LINE; SHOPPING

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0020/00 A I R 20060101

**G06Q-0030/00** A I R 20060101

G06Q-0020/00 C I R 20060101

**G06Q-0030/00** C I R 20060101

ECLA: G06Q-020/00K2B, G06Q-030/00C

US Classification, Issued: 70526, 7051, 70527, 70537

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-C04; T01-E02; T01-H07C5E; T01-J05A

42/5/27 (Item 27 from file: 350)

DIALOG{R}File 350:Derwent WPIX

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0008387534 - Drawing available

WPI ACC NO: 1997-503308/199746

XRPX Acc No: N1997-419473

Networked auction information transmission and processing system - has bidding mechanism available to submit several bids across electronic

network in response to posted information with bids received and categorized as successful or unsuccessful  
 Patent Assignee: EBAY INC (EBAY-N); EGGHEAD.COM INC (EGGH-N); FISHER S A (FISH-I); KAPLAN S J (KAPL-I); ONSALE INC (ONSA-N)  
 Inventor: FISHER A S; KAPLAN S J

Patent Family (26 patents, 75 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update   |
|----------------|------|----------|--------------------|------|----------|----------|
| WO 1997037315  | A1   | 19971009 | WO 1997US4535      | A    | 19970319 | 199746 B |
| AU 199723383   | A    | 19971022 | AU 199723383       | A    | 19970319 | 199808 E |
| US 5835896     | A    | 19981110 | US 1996623654      | A    | 19960329 | 199901 E |
| EP 900424      | A1   | 19990310 | EP 1997916124      | A    | 19970319 | 199914 E |
|                |      |          | WO 1997US4535      | A    | 19970319 |          |
| AU 717594      | B    | 20000330 | AU 199723383       | A    | 19970319 | 200026 E |
| JP 20000503789 | W    | 20000328 | JP 1997535320      | A    | 19970319 | 200026 E |
|                |      |          | WO 1997US4535      | A    | 19970319 |          |
| IL 126793      | A    | 20001031 | IL 126793          | A    | 19970319 | 200059 E |
| US 6243691     | B1   | 20010605 | US 1996624259      | A    | 19960329 | 200133 E |
| EP 900424      | B1   | 20011024 | EP 1997916124      | A    | 19970319 | 200169 E |
|                |      |          | WO 1997US4535      | A    | 19970319 |          |
| DE 69707668    | E    | 20011129 | DE 69707668        | A    | 19970319 | 200202 E |
|                |      |          | EP 1997916124      | A    | 19970319 |          |
|                |      |          | WO 1997US4535      | A    | 19970319 |          |
| US 20030083981 | A1   | 20030501 | US 1996624259      | A    | 19960329 | 200331 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316292      | A    | 20021210 |          |
| US 20030083982 | A1   | 20030501 | US 1996624259      | A    | 19960329 | 200331 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316296      | A    | 20021210 |          |
| US 20030083983 | A1   | 20030501 | US 1996624259      | A    | 19960329 | 200331 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316297      | A    | 20021210 |          |
| US 20030088502 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316298      | A    | 20021210 |          |
| US 20030088503 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316324      | A    | 20021210 |          |
| US 20030088504 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316325      | A    | 20021210 |          |
| US 20030088505 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002316326      | A    | 20021210 |          |
| US 20030088506 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002318676      | A    | 20021213 |          |
| US 20030088507 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002319868      | A    | 20021213 |          |
| US 20030088508 | A1   | 20030508 | US 1996624259      | A    | 19960329 | 200337 E |
|                |      |          | US 2000706849      | A    | 20001107 |          |
|                |      |          | US 2002319869      | A    | 20021213 |          |
| CA 2529148     | A1   | 19971009 | CA 2253543         | A    | 19970319 | 200618 E |
|                |      |          | CA 2529148         | A    | 19970319 |          |
| CA 2253543     | C    | 20060516 | CA 2253543         | A    | 19970319 | 200634 E |
|                |      |          | WO 1997US4535      | A    | 19970319 |          |

|                |    |          |               |   |          |        |   |
|----------------|----|----------|---------------|---|----------|--------|---|
| US 20080097896 | AI | 20080424 | US 1996624259 | A | 19960329 | 200830 | E |
|                |    |          | US 2000706849 | A | 20001107 |        |   |
|                |    |          | US 2002316326 | A | 20021210 |        |   |
|                |    |          | US 2007963130 | A | 20071221 |        |   |
| US 20080103938 | AI | 20080501 | US 1996624259 | A | 19960329 | 200832 | E |
|                |    |          | US 2000706849 | A | 20001107 |        |   |
|                |    |          | US 2002319868 | A | 20021213 |        |   |
|                |    |          | US 2007963094 | A | 20071221 |        |   |
| CA 2529148     | C  | 20080708 | CA 2253543    | A | 19970319 | 200848 | E |
|                |    |          | CA 2529148    | A | 19970319 |        |   |
| CA 2629281     | AI | 19971009 | CA 2529148    | A | 19970319 | 200857 | E |
|                |    |          | CA 2629281    | A | 19970319 |        |   |

Priority Applications (no., kind, date): US 1996623654 A 19960329; US 1996623946 A 19960329; US 1996624259 A 19960329; US 2000706849 A 20001107; US 2002316292 A 20021210; US 2002316296 A 20021210; US 2002316297 A 20021210; US 2002316298 A 20021210; US 2002316324 A 20021210; US 2002316325 A 20021210; US 2002316326 A 20021210; US 2002318676 A 20021213; US 2002319868 A 20021213; US 2002319869 A 20021213; US 2007963130 A 20071221; US 2007963094 A 20071221

#### Patent Details

| Number        | Kind | Lan | Pg | Dwg | Filing | Notes |
|---------------|------|-----|----|-----|--------|-------|
| WO 1997037315 | AI   | EN  | 46 | 14  |        |       |

National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU

Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

|              |    |    |  |  |                     |               |
|--------------|----|----|--|--|---------------------|---------------|
| AU 199723383 | A  | EN |  |  | Based on OPI patent | WO 1997037315 |
| EP 900424    | AI | EN |  |  | PCT Application     | WO 1997US4535 |

Based on OPI patent WO 1997037315

Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT

|                   |   |    |  |  |                          |            |
|-------------------|---|----|--|--|--------------------------|------------|
| LI LU MC NL PT SE |   |    |  |  |                          |            |
| AU 717594         | B | EN |  |  | Previously issued patent | AU 9723383 |

|               |   |    |    |  |                     |               |
|---------------|---|----|----|--|---------------------|---------------|
| JP 2000503789 | W | JA | 50 |  | Based on OPI patent | WO 1997037315 |
|               |   |    |    |  | PCT Application     | WO 1997US4535 |
|               |   |    |    |  | Based on OPI patent | WO 1997037315 |

|           |    |    |  |  |                 |               |
|-----------|----|----|--|--|-----------------|---------------|
| IL 126793 | A  | EN |  |  |                 |               |
| EP 900424 | BI | EN |  |  | PCT Application | WO 1997US4535 |

Based on OPI patent WO 1997037315

Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT

|                   |   |    |  |  |             |               |
|-------------------|---|----|--|--|-------------|---------------|
| LI LU MC NL PT SE |   |    |  |  |             |               |
| DE 69707668       | E | DE |  |  | Application | EP 1997916124 |

PCT Application WO 1997US4535

Based on OPI patent EP 900424

Based on OPI patent WO 1997037315

|                |    |    |  |  |                             |               |
|----------------|----|----|--|--|-----------------------------|---------------|
| US 20030083981 | AI | EN |  |  | Continuation of application | US 1996624259 |
|----------------|----|----|--|--|-----------------------------|---------------|

Continuation of application US 2000706849

Continuation of patent US 6243691

|                |    |    |  |  |                             |               |
|----------------|----|----|--|--|-----------------------------|---------------|
| US 20030083982 | AI | EN |  |  | Continuation of application | US 1996624259 |
|----------------|----|----|--|--|-----------------------------|---------------|

Continuation of application US 2000706849

Continuation of patent US 6243691

|                |    |    |  |  |                             |               |
|----------------|----|----|--|--|-----------------------------|---------------|
| US 20030083983 | AI | EN |  |  | Continuation of application | US 1996624259 |
|----------------|----|----|--|--|-----------------------------|---------------|

Continuation of application US 2000706849

|                |    |    |  |
|----------------|----|----|--|
| US 20030088502 | A1 | EN | Continuation of patent US 6243691<br>Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691         |
| US 20030088503 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691  |
| US 20030088504 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691  |
| US 20030088505 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691  |
| US 20030088506 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691  |
| US 20030088507 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691  |
| US 20030088508 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of patent US 6243691  |
| CA 2529148     | A1 | EN | Division of application CA 2253543   |
| CA 2253543     | C  | EN | PCT Application WO 1997US4535<br>Based on OPI patent WO 1997037315   |
| US 20080097896 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of application US 2002316326<br>Continuation of patent US 6243691 |
| US 20080103938 | A1 | EN | Continuation of application US 1996624259<br>Continuation of application US 2000706849<br>Continuation of application US 2002319868<br>Continuation of patent US 6243691 |
| CA 2529148     | C  | EN | Division of application CA 2253543   |
| CA 2629281     | A1 | EN | Division of application CA 2529148   |

#### Alerting Abstract WO A1

The auction transmission system includes a posting mechanism for posting information across the network which describes the lot available for purchase.

A bidding mechanism is available to bidders to submit several bids across the network in response to the information. The bids are received and are automatically categorised as successful or unsuccessful. The posting mechanism includes merchandise catalogue page (23 and 25) generator and the receiving mechanism a bid storage database (31).

ADVANTAGE - Encourages large numbers of bidders to take part in auction and leads ultimately to better selling prices to economic betterment of auctioneer and seller.

Title Terms/Index Terms/Additional Words: AUCTION; INFORMATION;  
TRANSMISSION; PROCESS; SYSTEM; BID; MECHANISM; AVAILABLE; SUBMIT;  
ELECTRONIC; NETWORK; RESPOND; POST; RECEIVE; SUCCESS; UNSUCCESSFUL

#### Class Codes

International Classification (Main): G06F-015/300, G06F-017/60, G06F-019/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I L B 20060101

G06F-0017/40 A I L B 20060101  
 G06F-0019/00 A I L D 20060101  
 G06F-0019/00 A I R 20060101  
**G06Q-0030/00** A I F B 20060101  
**G06Q-0030/00** A I F R 20060101  
**G06Q-0030/00** A I R 20060101  
 G06Q-0050/00 A I F R 20060101  
 G06F S I R 20060101  
 G06F-0017/30 C I L B 20060101  
 G06F-0017/40 C I L B 20060101  
 G06F-0019/00 C I L D 20060101  
 G06F-0019/00 C I R 20060101  
**G06Q-0030/00** C I F B 20060101  
**G06Q-0030/00** C I L B 20060101  
**G06Q-0030/00** C I L R 20060101  
**G06Q-0030/00** C I R 20060101  
 G06Q-0050/00 C I F R 20060101

ECLA: G06Q-030/D0C4

US Classification, Current Main: 705-027000, 705-037000; Secondary:  
 705-026000, 705-027000

US Classification, Issued: 70537, 70537, 70537, 70537, 70537, 70537, 70537,  
 70537, 70537, 70537, 70537, 70527, 70537, 70526

#### JP Classification

| FI Term     | Facet Rank Type |
|-------------|-----------------|
| G06F-015/28 | B               |
| G06F-017/60 | 148             |
| G06F-017/60 | 316             |

| F-Term | View Point | Additional |
|--------|------------|------------|
| Theme  | + Figure   | Code       |

|       |      |       |      |       |      |
|-------|------|-------|------|-------|------|
| 5B049 |      | 5B049 | CC31 | 5B049 | FF00 |
| 5B049 | AA00 | 5B049 | CC36 | 5B049 | FF01 |
| 5B049 | BB11 | 5B049 | DD00 | 5B049 | GG00 |
| 5B049 | BB36 | 5B049 | DD01 | 5B049 | GG04 |
| 5B049 | CC05 | 5B049 | EE02 | 5B049 | GG07 |
| 5B049 | CC10 | 5B049 | EE05 |       |      |
| 5B049 | CC28 | 5B049 | EE22 |       |      |

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-H07C1; T01-H07C3; T01-J05A1; W01-A06E1;  
 W01-A06G2; W01-A06X

42/5/28 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0008227253 - Drawing available

WPI ACC NO: 1997-332967/199730

XRPX Acc No: N1997-276322

Incentive award program **system** with **computer** for online user

interaction - provides user with online access to product and award program  
 homepages linked to two memory areas, user uses form to order **product**  
 electronically and to redeem award points towards **chosen** award electronically

Patent Assignee: AFFINION NET PATENTS (AFFI-N); AFFINION NET PATENTS INC (AFFI-N); NETCENTIVES INC (NETC-N); STOREY T W (STOR-I); TRILEGIANT CORP (TRIL-N)

Inventor: STOREY T W

Patent Family (10 patents, 21 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update   |
|----------------|------|----------|--------------------|------|----------|----------|
| WO 1997022058  | A1   | 19970619 | WO 1996US19728     | A    | 19961211 | 199730 B |
| US 5774870     | A    | 19980630 | US 1995572017      | A    | 19951214 | 199833 E |
| EP 867006      | A1   | 19980930 | EP 1996944791      | A    | 19961211 | 199843 E |
|                |      |          | WO 1996US19728     | A    | 19961211 |          |
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|                |      |          | US 1998105227      | A    | 19980625 |          |
| US 6578012     | B1   | 20030610 | US 1995572017      | A    | 19951214 | 200340 E |
|                |      |          | US 1998105227      | A    | 19980625 |          |
|                |      |          | US 1999441144      | A    | 19991112 |          |
| US 20030195805 | A1   | 20031016 | US 1995572017      | A    | 19951214 | 200369 E |
|                |      |          | US 1998105227      | A    | 19980625 |          |
|                |      |          | US 1999441144      | A    | 19991112 |          |
|                |      |          | US 2003420901      | A    | 20030423 |          |
| US 20060116931 | A1   | 20060601 | US 1995572017      | A    | 19951214 | 200637 E |
|                |      |          | US 1998105227      | A    | 19980625 |          |
|                |      |          | US 1999441144      | A    | 19991112 |          |
|                |      |          | US 2003420901      | A    | 20030423 |          |
|                |      |          | US 2006331139      | A    | 20060113 |          |
| US 20060116932 | A1   | 20060601 | US 1995572017      | A    | 19951214 | 200637 E |
|                |      |          | US 1998105227      | A    | 19980625 |          |
|                |      |          | US 1999441144      | A    | 19991112 |          |
|                |      |          | US 2003420901      | A    | 20030423 |          |
|                |      |          | US 2006331265      | A    | 20060113 |          |
| US 20080052170 | A1   | 20080228 | US 1995572017      | A    | 19951214 | 200818 E |
|                |      |          | US 1998105227      | A    | 19980625 |          |
|                |      |          | US 1999441144      | A    | 19991112 |          |
|                |      |          | US 2003420901      | A    | 20030423 |          |
|                |      |          | US 2006331139      | A    | 20060113 |          |
|                |      |          | US 2007930519      | A    | 20071031 |          |
| US 20080109308 | A1   | 20080508 | US 1995572017      | A    | 19951214 | 200833 E |
|                |      |          | US 1998105227      | A    | 19980625 |          |
|                |      |          | US 1999441144      | A    | 19991112 |          |
|                |      |          | US 2003420901      | A    | 20030423 |          |
|                |      |          | US 2006331265      | A    | 20060113 |          |
|                |      |          | US 2007930516      | A    | 20071031 |          |

Priority Applications (no., kind, date): US 1995572017 A 19951214; US 1998105227 A 19980625; US 1999441144 A 19991112; US 2003420901 A 20030423; US 2006331139 A 20060113; US 2006331265 A 20060113; US 2007930519 A 20071031; US 2007930516 A 20071031

#### Patent Details

| Number  | Kind | Lang | Pg | Dwg | Filing Notes                      |
|---|------|------|----|-----|-----------------------------------|
| WO 1997022058   | A1   | EN   | 38 | 6   |                                   |
| National Designated States, Original: CA JP                               |      |      |    |     |                                   |
| Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT |      |      |    |     |                                   |
| LU MC NL PT SE  |      |      |    |     |                                   |
| EP 867006   | A1   | EN   |    |     | PCT Application WO 1996US19728    |
|   |      |      |    |     | Based on OPI patent WO 1997022058 |

Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT  
LI LU MC NL PT SE

|                |    |    |   |
|----------------|----|----|---|
| US 6009412     | A  | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of patent US 5774870         |
| US 6578012     | B1 | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of application US 1998105227 |
|                |    |    | Continuation of patent US 5774870         |
|                |    |    | Continuation of patent US 6009412         |
| US 20030195805 | A1 | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of application US 1998105227 |
|                |    |    | Continuation of application US 1999441144 |
|                |    |    | Continuation of patent US 5774870         |
|                |    |    | Continuation of patent US 6009412         |
|                |    |    | Continuation of patent US 6578012         |
| US 20060116931 | A1 | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of application US 1998105227 |
|                |    |    | Continuation of application US 1999441144 |
|                |    |    | Continuation of application US 2003420901 |
|                |    |    | Continuation of patent US 5774870         |
|                |    |    | Continuation of patent US 6009412         |
|                |    |    | Continuation of patent US 6578012         |
| US 20060116932 | A1 | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of application US 1998105227 |
|                |    |    | Continuation of application US 1999441144 |
|                |    |    | Continuation of application US 2003420901 |
|                |    |    | Continuation of patent US 5774870         |
|                |    |    | Continuation of patent US 6009412         |
|                |    |    | Continuation of patent US 6578012         |
| US 20080052170 | A1 | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of application US 1998105227 |
|                |    |    | Continuation of application US 1999441144 |
|                |    |    | Continuation of application US 2003420901 |
|                |    |    | Continuation of application US 2006331139 |
|                |    |    | Continuation of patent US 5774870         |
|                |    |    | Continuation of patent US 6009412         |
|                |    |    | Continuation of patent US 6578012         |
| US 20080109308 | A1 | EN | Continuation of application US 1995572017 |
|                |    |    | Continuation of application US 1998105227 |
|                |    |    | Continuation of application US 1999441144 |
|                |    |    | Continuation of application US 2003420901 |
|                |    |    | Continuation of application US 2006331265 |
|                |    |    | Continuation of patent US 5774870         |
|                |    |    | Continuation of patent US 6009412         |
|                |    |    | Continuation of patent US 6578012         |

Alerting Abstract WO A1

The **computer system** includes a first memory area for storing a product **catalogue** which includes product descriptions and prices for each product available for purchase. A second memory area stores an awards **catalogue** which includes an award description and points value for each award.

A frequency database stores account information for each enrolled user of the incentive award program. The system provides a user with on-line access to product (110A) and award program (300) homepages linked to the two memory areas. A user is provided with an order form for ordering a product electronically. An online redeeming form for the user redeems award points towards a chosen award, again electronically.

USE/ADVANTAGE - Relates to frequency and award redemption program, and online, interactive frequency and award redemption program. Provides online, interactive incentive program which is fully integrated.

Title Terms/Index Terms/Additional Words: AWARD; PROGRAM; SYSTEM; COMPUTER; USER; INTERACT; ACCESS; PRODUCT; LINK; TWO; MEMORY; AREA; FORM; ORDER; ELECTRONIC; POINT; CHOICE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

|              |   |   |   |   |          |
|--------------|---|---|---|---|----------|
| G06F-0017/30 | A | I | L | B | 20060101 |
| G06Q-0030/00 | A | I | F | B | 20060101 |
| G06Q-0030/00 | A | I | R | B | 20060101 |
| G06F-0017/30 | C | I | L | B | 20060101 |
| G06Q-0030/00 | C | I | F | B | 20060101 |
| G06Q-0030/00 | C | I | L | B | 20060101 |
| G06Q-0030/00 | C | I | R | B | 20060101 |

ECLA: G06Q-030/00A

US Classification, Current Main: 705-014000; Secondary: 705-017000, 705-026000, 705-027000

US Classification, Issued: 70514, 70514, 70526, 70514, 70514.0, 70514, 70517, 70526, 70527, 70514, 70517, 70526, 70527, 70514

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C5E; T01-J11C1

42/5/30 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0006935197 - Drawing available

WPI ACC NO: 1994-333426/199441

Related WPI Acc No: 1994-048313; 1994-234921

XRPX Acc No: N1994-261612

Interactive **computer system** for **matching** customers with sellers - uses stored information regarding user's expressed interest and purchase history to enable them to receive details of relevant new products and services

Patent Assignee: EC CORP (ECEC-N)

Inventor: LALONDE J E

Patent Family (2 patents, 40 countries)

Patent

| Number        | Kind | Date     | Application  | Kind | Date     | Update   |
|---------------|------|----------|--------------|------|----------|----------|
| WO 1994023383 | A1   | 19941013 | WO 199305290 | A    | 19930602 | 199441 B |
| AU 199344050  | A    | 19941024 | AU 199344050 | A    | 19930602 | 199505 E |

Priority Applications (no., kind, date): US 199337220 A 19930326

Patent Details

| Number | Kind | Lan | Pg | Dwg | Filing | Notes |
|--------|------|-----|----|-----|--------|-------|
|--------|------|-----|----|-----|--------|-------|

|               |    |    |    |    |  |  |
|---------------|----|----|----|----|--|--|
| WO 1994023383 | A1 | EN | 59 | 15 |  |  |
|---------------|----|----|----|----|--|--|

National Designated States, Original: AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US

Regional Designated States, Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

|              |   |    |  |  |                     |               |
|--------------|---|----|--|--|---------------------|---------------|
| AU 199344050 | A | EN |  |  | Based on OPI patent | WO 1994023383 |
|--------------|---|----|--|--|---------------------|---------------|



#### Alerting Abstract WO A1

The system comprises a device for interfacing with input received from and output sent to a user. A device receives information regarding characteristics of a user and stores the information in digital form in a predetermined format. Product descriptions are similarly stored in digital form. An activatable element compares the information regarding characteristics of a user with the information regarding the product descriptions to identify a measures of correspondence between them.

The system further includes an activatable element for identifying target products comprising those products whose descriptions have a measure of correspondence greater than some of the others. Finally a device automatically activates the comparing and identifying element upon the occurrence of at least one predetermined event in the absence of direct activation by the system user.

USE/ADVANTAGE - With self-publishing catalogue, advertiser notification, coupon processing and inbound polling. Allows automatic correspondence between interest of all parties involved.

Title Terms/Index Terms/Additional Words: INTERACT; COMPUTER; SYSTEM; MATCH ; CUSTOMER; STORAGE; INFORMATION; USER; EXPRESS; INTEREST; PURCHASE; HISTORY; ENABLE; RECEIVE; DETAIL; RELEVANT; NEW; PRODUCT; SERVICE; SELF-PUBLISHING; CATALOGUE; ADVERTISER; NOTIFICATION; COUPON; PROCESSING; INBOUND; POLLING

#### Class Codes

##### International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0013/38 A I R 20060101

**G06Q-0030/00** A I R 20060101

H04L-0029/06 A I R 20060101

H04M-0003/42 A N R 20060101

G06F-0013/38 C I R 20060101

**G06Q-0030/00** C I R 20060101

H04L-0029/06 C I R 20060101

H04M-0003/42 C N R 20060101

ECLA: G06F-013/38A2, G06Q-030/00C, H04L-029/06

ICO: T04M-003;42A

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-C03; T01-J05A; T01-J12; W01-C05B3B; W01-C05B5C

## B. Patent Files, Full-Text

File 349:PCT FULLTEXT 1979-2009/UB=20091203|UT=20091126

(c) 2009 WIPO/Thomson

File 348:EUROPEAN PATENTS 1978-200950

(c) 2009 European Patent Office

Set Items Description

S1 36389 (ELECTRONIC? OR INTERNET OR WEB OR VIRTUAL? OR ONLINE OR C-COMPUTER?) (10N) (AUCTION? OR EXCHANGE? OR SELL? (1W) (OFF OR OFFS) OR COMPETIT? OR (MATCH? OR NEGOTIAT?)) (3N) (SYSTEM?? OR NETWORK-

?? OR FORUM? OR MARKETPLACE? OR VENUE?))  
 S2 49042 CATALOG OR CATALOGS OR CATALOGUE OR CATALOGUES OR PRODUCT(-  
 ) (LINE OR LINES)  
 S3 438266 (CONTENT OR CONTENTS OR ITEM OR ITEMS OR MERCHANDISE OR PR-  
 ODUCT OR PRODUCTS OR ARTICLE? OR GOODS OR WARES OR COMMODIT? -  
 OR INVENTORY OR INVENTORIES) (10N) (SPECIFY? OR SPECIFI? OR SEL-  
 ECT? OR CHOOS? OR CHOSE? OR PICK? OR DECID? OR DECISION? OR D-  
 ETERMINT?)  
 S4 47232 (BASED OR ACCORDING OR WRT OR W{R}T OR DEPEND?) (5W) (DEMA-  
 ND?? OR CALL OR CALLS OR AGE OR AGES OR OBSOLE? OR PERISHAB?)  
 S5 7232 (SALE OR SALES OR SELL? OR PURCHASE) (7N) (TERM OR TERMS OR -  
 REQUIREMENT? OR SPECIFICS OR CONDITION? OR ARRANGEMENT?)  
 S6 1341 S4 (5N) (INITIAL? OR FIRST OR BEGINNING OR ORIGINAL OR PREVIO-  
 US? OR EARLIER OR PRIOR OR FORMER)  
 S7 289850 SERVER? OR (DISTRIBUTED OR COMPUTER?) (2N) (SYSTEM?? OR NETW-  
 ORK??)  
 S8 38 AU={ LYONS L? OR LYONS, L? OR LYONS (2N) (L OR LIZA)}  
 S9 245 AU={ STEPHENS D? OR STEPHENS, D? OR STEPHENS (2N) (D OR DAV-  
 E)}  
 S10 87 AU={ GU B? OR GU, B? OR GU (2N) (B OR BEN)}  
 S11 5050 AU={ WANG J? OR WANG, J? OR V (2N) (J OR JAMES)}  
 S12 0 AU={ BANJAMIN K? OR BANJAMIN, K? OR BANJAMIN (2N) (K OR KAR-  
 EEM)}  
 S13 80 AU={ BENJAMIN K? OR BENJAMIN, K? OR BENJAMIN (2N) (K OR KAR-  
 EEM)}  
 S14 200 AU={ POWELL K? OR POWELL, K? OR POWELL (2N) (K OR KIM)}  
 S15 0 S8 AND S9 AND S10 AND S11 AND S13 AND S14  
 S16 5700 S8:S14  
 S17 52 S16 AND S1  
 S18 3 S17 AND S2  
 S19 1 S17 AND IC={G06Q-030/00 OR G06Q-0030/00}  
 S20 41 S17 AND S7  
 S21 1 S20 AND IC=G06Q  
 S22 174 S1(S) S2(S) S7  
 S23 59 S22 AND S3 AND S4  
 S24 3 S23 AND IC={G06Q-030/00 OR G06Q-0030/00}  
 S25 8 S23 AND IC=G06Q  
 S26 5 S25 NOT S24  
 S27 62 S22 AND S3 AND S5  
 S28 5 S27 AND IC={G06Q-030/00 OR G06Q-0030/00}  
 S29 12 S27 AND IC=G06Q  
 S30 160 S22 AND S3  
 S31 9 S30 AND IC={G06Q-030/00 OR G06Q-0030/00}  
 S32 17 S30 AND IC=G06Q  
 S33 17 S25 OR S29 OR S32  
 S34 9 S22 AND IC={G06Q-030/00 OR G06Q-0030/00}  
 S35 18 S22 AND IC=G06Q  
 S36 18 S33 OR S35  
 S37 3 S36 AND AY=1950:2001

37/3,K/1 (Item 1 from file: 348)  
 DIALOG(R) File 348:EUROPEAN PATENTS  
 (c) 2009 European Patent Office. All rts. reserv.

02334521

Method of and system for enabling brand-image communication between vendors and consumers

Verfahren und System zur Ermöglichung der Markenbilder-Kommunikation zwischen Händlern und Verbrauchern

Procede et systeme pour activer une communication d'image de marque entre les vendeurs et les consommateurs

PATENT ASSIGNEE:

IPF, Inc., (2541021), Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, (US), (Applicant designated States: all)

INVENTOR:

Perkowski, Thomas J., 10 Waldon Road, DarienConnecticut 06820, (US)

37/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01752676

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA 94085-3913, (US), (Proprietor designated states: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, BeltsvilleMaryland 20705, (US)

Shear, Victor H., 5203 Battery Lane, BethesdaMaryland 20814, (US)

Spahn, Francis J., 2410 Edwards Avenue, El CerritoCalifornia 94530, (US)

van Wie, David M., P.O. Box 5610, Eugene, OR 97405, (US)

37/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00803285

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEME UND VERFAHREN FÜR EIN SICHERES ÜBERTRAGUNGSMANAGEMENT UND ELEKTRONISCHERRECHTSSCHUTZ

SYSTEMES ET PROCÉDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

PATENT ASSIGNEE:

Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA 94085-3913, (US), (Proprietor designated states: all)

INVENTOR:

GINTER, Karl, L., 10404 43rd Avenue, Beltsville, MD 20705, (US)

SHEAR, Victor, H., 5203 Battery Lane, Bethesda, MD 20814, (US)

SPAHN, Francis, J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)

VAN WIE, David, M., P.O. Box 5610, Eugene, OR 97405, (US)

### III. Text Search Results from Dialog

#### A. NPL Files, Abstract

File 139:EconLit 1969-2009/Nov  
 (c) 2009 American Economic Association  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 Gale/Cengage  
 File 474:New York Times Abs 1969-2009/Dec 11  
 (c) 2009 The New York Times  
 File 475:Wall Street Journal Abs 1973-2009/Dec 11  
 (c) 2009 The New York Times  
 File 35:Dissertation Abs Online 1861-2009/Nov  
 (c) 2009 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2009/Dec 11  
 (c) 2009 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Nov  
 (c) 2009 The HW Wilson Co.  
 File 256:TecTrends 1982-2009/Dec W1  
 (c) 2009 Info.Sources Inc. All rights res.  
 File 2:INSPEC 1898-2009/Dec W1  
 (c) 2009 The IET  
 File 141:Readers Guide 1983-2009/Nov  
 (c) 2009 The HW Wilson Co  
 File 56:Computer and Information Systems Abstracts 1966-2009/Nov  
 (c) 2009 CSA.  
 File 95:TEME-Technology & Management 1989-2009/Nov W3  
 (c) 2009 FIZ TECHNIK  
 File 144:Pascal 1973-2009/Dec W1  
 (c) 2009 INIST/CNRS

| Set | Items  | Description  |
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| S1  | 78355  | (ELECTRONIC? OR INTERNET OR WEB OR VIRTUAL? OR ONLINE OR C-<br>OMPUTER?) (10N) (AUCTION? OR EXCHANGE? OR SELL? (1W) (OFF OR OFFS)<br>OR COMPETIT? OR (MATCH? OR NEGOTIAT?)) (3N) (SYSTEM?? OR NETWORK-<br>?? OR FORUM? OR MARKETPLACE? OR VENUE?))                                 |
| S2  | 103999 | CATALOG OR CATALOGS OR CATALOGUE OR CATALOGUES OR PRODUCT(-<br>) (LINE OR LINES)   |
| S3  | 309262 | (CONTENT OR CONTENTS OR ITEM OR ITEMS OR MERCHANDISE OR PR-<br>ODUCT OR PRODUCTS OR ARTICLE? OR GOODS OR WARES OR COMMODIT? -<br>OR INVENTORY OR INVENTORIES) (10N) (SPECIFY? OR SPECIFI? OR SEL-<br>ECT? OR CHOOSE? OR CHOSE? OR PICK? OR DECID? OR DECISION? OR D-<br>ETERMINE?) |
| S4  | 39122  | (BASED OR ACCORDING OR WRT OR W{ } R{ } T OR DEPEND?) (5W) (DEMA-<br>ND?? OR CALL OR CALLS OR AGE OR AGES OR OBSOLE? OR PERISHAB?)   |
| S5  | 18440  | (SALE OR SALES OR SELL? OR PURCHASE) (7N) (TERM OR TERMS OR -<br>REQUIREMENT? OR SPECIFICS OR CONDITION? OR ARRANGEMENT?)  |
| S6  | 1068   | S4 (5N) (INITIAL? OR FIRST OR BEGINNING OR ORIGINAL OR PREVIO-<br>US? OR EARLIER OR PRIOR OR FORMER)   |
| S7  | 903476 | SERVER? OR (DISTRIBUTED OR COMPUTER?) (2N) (SYSTEM?? OR NETW-<br>ORK??)  |
| S8  | 1267   | AU- ( LYONS L? OR LYONS, L? OR LYONS (2N) (L OR LIZA) ) OR BY-<br>LYONS (2N) (L OR LIZA)   |

S9 1543 AU=( STEPHENS D? OR STEPHENS, D? OR STEPHENS (2N) (D OR DAV-  
E)) OR BY= STEPHENS (2N) (D OR DAVE)  
S10 1875 AU=( GU B? OR GU, B? OR GU (2N) (B OR BEN)) OR BY= GU (2N) (B  
OR BEN)  
S11 71260 AU=( WANG J? OR WANG, J? OR WANG (2N) (J OR JAMES)) OR BY= -  
WANG (2N) (J OR JAMES)  
S12 0 AU=( BANJAMIN K? OR BANJAMIN, K? OR BANJAMIN (2N) (K OR KAR-  
EEM)) OR BY= BANJAMIN (2N) (K OR KAREEM)  
S13 109 AU=( BENJAMIN K? OR BENJAMIN, K? OR BENJAMIN (2N) (K OR KAR-  
EEM)) OR BY= BENJAMIN (2N) (K OR KAREEM)  
S14 1207 AU=( POWELL K? OR POWELL, K? OR POWELL (2N) (K OR JAMES)) OR  
BY= POWELL (2N) (K OR KIM)  
S15 0 S8 AND S9 AND S10 AND S11 AND (S12 OR S13) AND S14  
S16 77233 S8:S14  
S17 119 S16 AND S1  
S18 0 S17 AND S2  
S19 26 S17 AND S7  
S20 23 RD (unique items)  
S21 86 S1 AND S2 AND S7  
S22 6 S21 AND S3  
S23 5126104 (CONTENT OR CONTENTS OR ITEM OR ITEMS OR MERCHANDISE OR PR-  
ODUCT OR PRODUCTS OR ARTICLE? OR GOODS OR WARES OR COMMODIT? -  
OR INVENTORY OR INVENTORIES)  
S24 45 S21 AND S23  
S25 1 S24 AND (S4 OR S5)  
S26 43 RD S24 (unique items)  
S27 5 RD S22 (unique items)  
S28 66 S20 OR S26 OR S27  
S29 37 S28 NOT S28/2002:2010

29/5/1 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 Gale/Cengage. All rts. reserv.  
09446687  
RP's first B2B portal adds two more ebusiness services  
PHILIPPINES: PHILBX INTRODUCED NEW FEATURES  
Manila Bulletin (XAZ) 23 Jan 2001 Online  
Language: ENGLISH

Two additional e-business features have been introduced to the Philippine  
**Internet Business Exchange (PhilBX)** portal recently. The added  
services are **Billar Consolidator** and **TradePlus Hosting Server**. In  
particular, **TradePlus Hosting Server** serves as a procurement platform  
that in turn feature the PhilBX Trade Plus Document Exchange, the PhilBX  
Trade Plus Workflow and the PhilBX Trade Plus **Catalogue**. By tapping  
into the PhilBX TradePlus Hosting **Server**, buyers can view  
**products** offered and displayed by all participating suppliers,  
including the **product** quotes. The buyers and suppliers can then issue  
PR/PO <Purchase Order> and other proceeding documents online using the new  
features.

COMPANY: PHILBX; PHILIPPINE **INTERNET BUSINESS EXCHANGE**  
EVENT: **Product** Design & Development (33);  
COUNTRY: Philippines (9PHI);

29/5/12 (Item 2 from file: 2)  
 DIALOG(R)File 2:INSPEC  
 (c) 2009 The IET. All rts. reserv.  
 07865805  
 Title: Enriching buyers' experiences: the SmartClient approach  
 Authors(s): Pu, P.; Falting, B.  
 Author Affiliation: Ecole Polytech. Federale de Lausanne, Switzerland  
 Book Title: CHI 2000 Conference Proceedings. Conference on Human Factors  
 in Computing Systems. CHI 2000. The Future is Here  
 Inclusive Page Numbers: 289-96  
 Publisher: ACM, New York, NY  
 Country of Publication: USA  
 Publication Date: 2000  
 Conference Title: Proceedings of CHI 2000  
 Conference Date: 1-6 April 2000  
 Conference Location: The Hague, Netherlands  
 Conference Sponsor: ACM  
 Editor(s): Turner, T.; Szwillus, G.; Czerwinski, M.; Paterno, F.  
 ISBN: 1 58113 216 6  
 U.S. Copyright Clearance Center Code: 1 58113 216 6/2000/04...\$5.00  
 Number of Pages: xvii+588  
 Language: English  
 Document Type: Conference Paper (PA)  
 Treatment: Practical (P)  
 Abstract: In **electronic** commerce, a satisfying buyer experience is a  
 key **competitive** element. We show new techniques for better  
 adapting interaction with an electronic **catalog** system to actual  
 buying behavior. Our model replaces the sequential separation of needs  
 identification and **product** brokering with a conversation in which  
 both processes occur simultaneously. This conversation supports the  
 buyer in formulating his or her needs, and in **deciding** which  
 criteria to apply in **selecting** a **product** to buy. We have  
 experimented with this approach in the area of travel planning and  
 developed a system called SmartClient Travel which supports this  
 process. It includes tools for need identification, visualization of  
 alternatives, and choosing the most suitable one. We describe the system  
 and its implementation, and report on user studies showing its  
 advantages for electronic **catalogs** (20 refs.)  
 Subfile(s): C (Computing & Control Engineering); E (Mechanical &  
 Production Engineering)  
 Descriptors: constraint handling; electronic commerce; information needs;  
 travel industry; user interfaces  
 Identifiers: buyer experiences; visualization of alternatives; electronic  
 commerce; electronic **catalog** system; adapting interaction; needs  
 identification; **product** brokering; travel planning; SmartClient  
 Travel; user studies; electronic **catalogs**; on-line travel planning  
 systems; visual overview; client-server architecture; constraint solver  
 Classification Codes: C7185 (Administration of other service industries);  
 C6180 (User interfaces); C7220 (Generation, dissemination, and use of  
 information); C6170 (Expert systems and other AI software and techniques  
 ); C7180 (Retailing and distribution computing); E0410F (Business  
 applications of IT ); E3050 (Service industries)  
 INSPEC Update Issue: 2001-010  
 Copyright: 2001, IEE

29/5/15 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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07046874

Title: OFFER: a broker-centered object framework for electronic requisitioning

Authors(s): Bichler, M.; Beam, C.; Segev, A.

Author Affiliation: Walter A. Haas Sch. of Bus., California Univ., Berkeley, CA, USA

Book Title: Trends in **Distributed Systems** for Electronic

Commerce. International IFIP/GI Working Conference TREC'98. Proceedings

Inclusive Page Numbers: 154-65

Publisher: Springer-Verlag, Berlin

Country of Publication: Germany

Publication Date: 1998

Conference Title: Trends in Distributed Systems for Electronic Commerce.

International IFIP/GI Workshop Conference, TREC'98 Proceedings

Conference Date: 3-5 June 1998

Conference Location: Hamburg, Germany

Editor(s): Lamersdorf, W.; Merz, M.

ISBN: 3 540 64564 0

Number of Pages: xii+253

Language: English

Document Type: Conference Paper (PA)

Treatment: Application (A); Practical (P)

Abstract: Procurement is one of the most important business functions.

Especially in highly mechanized mass-production industries, the proportion of income dollars spent on purchasing is relatively high. **Distributed object systems** provide a key to building interoperable applications that can execute on a range of platforms. We propose a CORBA-based object framework called OFFER, focused on electronic procurement and business-to-business commerce. This paper discusses the design and implementation of the electronic broker in OFFER. Key functionality of the broker is the ability to search in underlying **electronic catalogs** and the ability to use **auction mechanisms** to buy or sell **goods** (32 refs.)

Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)

Descriptors: EFTS; electronic data interchange; electronic trading; object-oriented programming

Identifiers: OFFER; broker-centered object framework; electronic requisitioning; procurement; highly mechanized mass-production industries; CORBA-based object framework; **electronic procurement**; business-to-business commerce; **electronic catalogs**; **auction mechanisms**

Classification Codes: C7120 (Financial computing); C6130E (Data interchange); C6110J (Object-oriented programming); E0410F (Business applications of IT)

INSPEC Update Issue: 1998-040

Copyright: 1998, IEE

29/5/16 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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06705310

Title: Building and running **online auctions**

Authors(s): Garda, B.; Wilson, G.V.

Journal: Dr. Dobb's Journal, vol.22, no.10, pp.84, 86-8, 91, 104

Publisher: Miller Freeman

Country of Publication: USA

Publication Date: Oct. 1997

ISSN: 1044-789X

SICI: 1044-789X(199710)22:10L:84:BROA;1-U

CODEN: DDJSDM

Language: English

Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: We describe a web-site toolkit called Webalog, developed by

Bonsai Software, which is being used to construct **online auctions** and various similar **web-based** applications. In an **auction**, users can browse the **items** for sale and enter a maximum (proxy) bid price. The Webalog **server** then plays out the bidding until at least one bidder's maximum price is reached. Other bidders are then asked whether they want to go higher. This cycle repeats until a time deadline is reached, or until an undisputed winner emerges. **Online** visitors can participate in multiple **auctions** at the same time, relying on Webalog to keep them abreast of their position in each. Webalog not only demonstrates how commerce can take advantage of the web's strengths, but also shows how freeware can be leveraged to build useful, flexible applications as new opportunities arise. In addition to being used for **online auctions** and **catalogs**, Webalog is the basis for a benefits-selection system, a biological data registry site, a time-sheet reporting system, a task-management system, and an intranet customer-list system. Webalog works by embedding commands and data in HTML pages, then interpreting them on the fly. Commands are written in Tcl (0 refs.)

Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)

Descriptors: electronic trading; Internet; software tools

Identifiers: **online auctions**; **web-site toolkit**; Webalog; Bonsai Software; freeware; benefits-selection system; biological data registry site; time-sheet reporting system; task-management system; intranet customer-list system; HTML pages; Tcl

Classification Codes: C7120 (Financial computing); C6150N (Distributed systems software); C6115 (Programming support); C7210 (Information services and centres); E0410F (Business applications of IT )

INSPEC Update Issue: 1997-039

Copyright: 1997, IEE

29/5/32 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
(c) 2009 FIZ TECHNIK. All rts. reserv.  
00864356 I95010525233  
Commerce on the Internet  
(Verkehr im Internet)  
Little, TDC  
Boston University, MA, USA



IEEE Multimedia Magazine, v1, n4, pp74-78, 1994  
Document type: journal article Language: English  
Record type: Abstract  
ISSN: 1070-986X  
ABSTRACT:

The **article** discusses the World Wide Web (Internet), focusing on using the **WWW** to support commerce-electronic marketing and digital publishing. Businesses are increasingly using the Web for advertising and electronic **catalog** based retail sales. Immediate benefits from the use of the technology include the ability to monitor and track the behavior of one's customers, provided by access statistics the **WWW server** maintains. In addition, many aspects of managing customer interaction can be automated, for example, submission and collection of customer surveys, billing, and so forth. In the future, more organizations will use the net for innovative ways of providing online magazines and electronic commerce. Although the approximately 20 million Internet users represent only a small fraction of the world population, the dramatic growth of the market in recent years will continue to lure commerce online.

DESCRIPTORS: ADVERTISING; DATA BANK; KNOWLEDGE BASES; DATA **EXCHANGE**;  
DIGITAL TECHNIQUE; DATA NETWORK ADMINISTRATION; ON LINE PROCESSING;  
**COMPUTER** PROCESSING; **ELECTRONIC** PUBLISHING; ELECTRONIC COMMERCE  
; WORLD WIDE WEB

IDENTIFIERS: MARKETING DATA PROCESSING; **WWW**; ELECTRONIC MARKETING; DIGITAL  
PUBLISHING; ELECTRONIC **CATALOG** BASED RETAIL SALES; ACCESS STATISTICS;  
**WWW SERVER**; CUSTOMER INTERACTION; CUSTOMER SURVEYS; BILLING; ONLINE  
MAGAZINES; World Wide Web; Internet; Datenaustausch

29/TI/1 (Item 1 from file: 583)  
DIALOG(R)File 583:(c) 2002 Gale/Cengage. All rts. reserv.  
RP's first B2B portal adds two more ebusiness services  
PHILIPPINES: PHILBX INTRODUCED NEW FEATURES

29/TI/2 (Item 2 from file: 583)  
DIALOG(R)File 583:(c) 2002 Gale/Cengage. All rts. reserv.  
IBM's mainframes enter the microprocessor age  
US - IBM'S MAINFRAMES ENTER MICROPROCESSOR AGE

29/TI/3 (Item 1 from file: 474)  
DIALOG(R)File 474:(c) 2009 The New York Times. All rts. reserv.  
HEWLETT-PACKARD IN DEAL TO BUY COMPAQ FOR \$25 BILLION IN STOCK

29/TI/4 (Item 2 from file: 474)  
DIALOG(R)File 474:(c) 2009 The New York Times. All rts. reserv.  
3COM PLANS TO ACQUIRE U.S. ROBOTICS

29/TI/5 (Item 3 from file: 474)  
DIALOG(R)File 474:(c) 2009 The New York Times. All rts. reserv.  
G.E. UNIT TEAMS WITH NETSCAPE IN BUSINESS SERVICES VENTURE

29/TI/6 (Item 1 from file: 475)  
DIALOG(R)File 475:(c) 2009 The New York Times. All rts. reserv.  
SUN MICROSYSTEMS INC UNVEILS WORKSTATIONS WITH LOW PRICE TAGS

29/TI/7 (Item 2 from file: 475)  
DIALOG(R)File 475:(c) 2009 The New York Times. All rts. reserv.  
INTEL CORP

29/TI/8 (Item 3 from file: 475)  
DIALOG(R)File 475:(c) 2009 The New York Times. All rts. reserv.  
(Amdahl Corp, spurned by Storage Technology Corp and Memorex Corp in its merger attempts, plans to go it alone against IBM. Proposed mergers had been expected to substantially bolster Amdahl's **competitive** position by giving Amdahl, maker of large-scale **computer systems**, established position in disk and tape memory **product lines**. Analysts believe it was Amdahl's relationship with Fujitsu Ltd (Japan) that quashed Amdahl's merger talks with Storage Technology (M).)

29/TI/9 (Item 1 from file: 35)  
DIALOG(R)File 35:(c) 2009 ProQuest Info&Learning. All rts. reserv.  
THE SECOND OBJECTIVE OF THE **CATALOG**: AN EVALUATION OF COLLOCATION IN ONLINE **CATALOG** DISPLAYS (INFORMATION RETRIEVAL)

29/TI/10 (Item 1 from file: 99)  
DIALOG(R)File 99:(c) 2009 The HW Wilson Co. All rts. reserv.  
The use of common parts and designs in high-tech industries: a strategic approach

29/TI/11 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.  
Title: Improved on-line stream merging: From a restricted to a general setting  
Book Title: Computing and Combinatorics, 7th Annual International Conference, COCOON 2001. Proceedings (Lecture Notes in Computer Science Vol.2108)

29/TI/12 (Item 2 from file: 2)  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.  
Title: Enriching buyers' experiences: the SmartClient approach  
Book Title: CHI 2000 Conference Proceedings. Conference on Human Factors in Computing Systems. CHI 2000. The Future is Here

29/TI/13 (Item 3 from file: 2)  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.  
Title: Metadata: introduction

29/TI/14 (Item 4 from file: 2)  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: EMC addresses the future of enterprise storage

29/TI/15 (Item 5 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: OFFER: a broker-centered object framework for electronic requisitioning

Book Title: Trends in **Distributed Systems** for Electronic

Commerce. International IFIP/GI Working Conference TREC'98. Proceedings

29/TI/16 (Item 6 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: Building and running **online auctions**

29/TI/17 (Item 7 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: When rats meet hearts: a gopher information **server** for cardiology

Book Title: Proceedings. Computers in Cardiology 1993 (Cat. No.93CH3384-5)

29/TI/18 (Item 8 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: Telecommunications and CD-ROM-friends or foes?

29/TI/19 (Item 9 from file: 2)

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Title: **Auctions** as algorithms: **computerized** trade execution and price discovery

29/TI/20 (Item 10 from file: 2)

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Title: Information systems-an essential tool for maintaining competitiveness

29/TI/21 (Item 11 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: ACCUMASTER Trouble Tracker

29/TI/22 (Item 12 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: Communicating in the global office

29/TI/23 (Item 13 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: An example of **catalogue** management on CD-ROM: Bibliofile

29/TI/24 (Item 14 from file: 2)

DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: GaAs logic and memory promote high performance system design

29/TI/25 {Item 15 from file: 2}  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.

Title: A hierarchical **distributed** microcomputer **system** used in  
real-time control of a knitting machine

29/TI/26 {Item 16 from file: 2}  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.  
Title: A PC and a phone in one

29/TI/27 {Item 17 from file: 2}  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.  
Title: **Competition** heats up in growing fault-tolerant **computer** market

29/TI/28 {Item 18 from file: 2}  
DIALOG(R)File 2:(c) 2009 The IET. All rts. reserv.  
Title: The **computer** as a **competitive** weapon

29/TI/29 {Item 1 from file: 141}  
DIALOG(R)File 141:(c) 2009 The HW Wilson Co. All rts. reserv.  
Sailing past the **competition** with custom **computerware**.  
AUGMENTED TITLE: M. Potter

29/TI/30 {Item 2 from file: 141}  
DIALOG(R)File 141:(c) 2009 The HW Wilson Co. All rts. reserv.  
Grocery-cart wars.

29/TI/31 {Item 1 from file: 56}  
DIALOG(R)File 56:(c) 2009 CSA. All rts. reserv.  
**Online** learning vector quantization: A harmonic **competition**  
approach based on conservation network

29/TI/32 {Item 1 from file: 95}  
DIALOG(R)File 95:(c) 2009 FIZ TECHNIK. All rts. reserv.  
Commerce on the Internet  
(Verkehr im Internet)

29/TI/33 {Item 1 from file: 144}  
DIALOG(R)File 144:(c) 2009 INIST/CNRS. All rts. reserv.  
Welding joint tracking detection algorithm for arc sensor based on neuro  
clustering

29/TI/34 {Item 2 from file: 144}  
DIALOG(R)File 144:(c) 2009 INIST/CNRS. All rts. reserv.  
Computerized calibration service supporting system (II): A web interface

design

29/TI/35 {Item 3 from file: 144}  
DIALOG(R)File 144:(c) 2009 INIST/CNRS. All rts. reserv.

Intelligent access, publishing and collaboration in global engineering  
networking  
Advanced electronic publishing

29/TI/36 {Item 4 from file: 144}  
DIALOG(R)File 144:(c) 2009 INIST/CNRS. All rts. reserv.  
En Biélorussie  
Libraries and Associations in the transient world : new technologies and  
new forms of cooperation : Sudak, 7-15 June 1997  
{Creating a library's web-site}

29/TI/37 {Item 5 from file: 144}  
DIALOG(R)File 144:(c) 2009 INIST/CNRS. All rts. reserv.  
ICP and the squid Web cache

## B. NPL Files, Full-text

File 9:Business & Industry(R) Jul/1994-2009/Dec 10  
(c) 2009 Gale/Cengage  
File 16:Gale Group PROMT(R) 1990-2009/Nov 13  
(c) 2009 Gale/Cengage  
File 148:Gale Group Trade & Industry DB 1976-2009/Dec 11  
(c) 2009 Gale/Cengage  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2009/Nov 09  
(c) 2009 Gale/Cengage  
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Oct 30  
(c) 2009 Gale/Cengage  
File 636:Gale Group Newsletter DB(TM) 1987-2009/Nov 13  
(c) 2009 Gale/Cengage  
File 634:San Jose Mercury Jun 1985-2009/Dec 10  
(c) 2009 San Jose Mercury News  
File 20:Dialog Global Reporter 1997-2009/Dec 10  
(c) 2009 Dialog  
File 15:ABI/Inform(R) 1971-2009/Dec 10  
(c) 2009 ProQuest Info&Learning  
File 624:McGraw-Hill Publications 1985-2009/Dec 11  
(c) 2009 McGraw-Hill Co. Inc  
File 626:Bond Buyer Full Text 1981-2008/Jul 07  
(c) 2008 Bond Buyer  
File 268:Banking Info Source 1981-2009/Dec W1  
(c) 2009 ProQuest Info&Learning  
File 267:Finance & Banking Newsletters 2008/Sep 29  
(c) 2008 Dialog

File 625:American Banker Publications 1981-2008/Jun 26

(c) 2008 American Banker

File 47:Gale Group Magazine DB(TM) 1959-2009/Nov 25

(c) 2009 Gale/Cengage

File 484:Periodical Abs Plustext 1986-2009/Dec 10

(c) 2009 ProQuest

File 674:Computer News Fulltext 1989-2006/Sep W1

(c) 2006 IDG Communications

File 647:UBM Computer Fulltext 1988-2009/Dec W1

(c) 2009 UBM, LLC

File 570:Gale Group MARS(R) 1984-2009/Nov 13

(c) 2009 Gale/Cengage

| Set | Items   | Description   |
|-----|---------|---|
| S1  | 1560831 | (ELECTRONIC? OR INTERNET OR WEB OR VIRTUAL? OR ONLINE OR C-<br>OMPUTER?) (10N) (AUCTION? OR EXCHANG? OR SELL? (1W) (OFF OR OFFS)<br>OR COMPETIT? OR (MATCH? OR NEGOTIAT?) (3N) (SYSTEM?? OR NETWORK-<br>?? OR FORUM? OR MARKETPLACE? OR VENUE?))                                |
| S2  | 3023985 | CATALOG OR CATALOGS OR CATALOGUE OR CATALOGUES OR PRODUCT(-<br>) (LINE OR LINES)  |
| S3  | 3814982 | (CONTENT OR CONTENTS OR ITEM OR ITEMS OR MERCHANDISE OR PR-<br>ODUCT OR PRODUCTS OR ARTICLE? OR GOODS OR WARES OR COMMODIT? -<br>OR INVENTORY OR INVENTORIES) (10N) (SPECIFY? OR SPECIFI? OR SEL-<br>ECT? OR CHOS? OR CHOSE? OR PICK? OR DECID? OR DECISION? OR D-<br>ETERMIN?) |
| S4  | 436671  | (BASED OR ACCORDING OR WRT OR W{R}T OR DEPEND?) (5W) (DEMA-<br>ND?? OR CALL OR CALLS OR AGE OR AGES OR OBSOLE? OR PERISHAB?)  |
| S5  | 1261910 | (SALE OR SALES OR SELL? OR PURCHASE) (7N) (TERM OR TERMS OR -<br>REQUIREMENT? OR SPECIFICS OR CONDITION? OR ARRANGEMENT?)   |
| S6  | 42579   | S4(5N) (INITIAL? OR FIRST OR BEGINNING OR ORIGINAL OR PREVIO-<br>US? OR EARLIER OR PRIOR OR FORMER)   |
| S7  | 4837884 | SERVER? OR (DISTRIBUTED OR COMPUTER?) (2N) (SYSTEM?? OR NETW-<br>ORK??)   |
| S8  | 696     | AU-( LYONS L? OR LYONS, L? OR LYONS (2N) (L OR LIZA)) OR BY-<br>LYONS (2N) (L OR LIZA)  |
| S9  | 418     | AU-( STEPHENS D? OR STEPHENS, D? OR STEPHENS (2N) (D OR DAV-<br>E)) OR BY- STEPHENS (2N) (D OR DAVE)  |
| S10 | 83      | AU-( GU B? OR GU, B? OR GU (2N) (B OR BEN)) OR BY- GU (2N) (B<br>OR BEN)  |
| S11 | 3021    | AU-( WANG J? OR WANG, J? OR WANG (2N) (J OR JAMES)) OR BY- -<br>WANG (2N) (J OR JAMES)  |
| S12 | 0       | AU-( BANJAMIN K? OR BANJAMIN, K? OR BANJAMIN (2N) (K OR KAR-<br>EEM)) OR BY- BANJAMIN (2N) (K OR KAREEM)  |
| S13 | 61      | AU-( BENJAMIN K? OR BENJAMIN, K? OR BENJAMIN (2N) (K OR KAR-<br>EEM)) OR BY- BENJAMIN (2N) (K OR KAREEM)  |
| S14 | 611     | AU=( POWELL K? OR POWELL, K? OR POWELL (2N) (K OR KIM)) OR -<br>BY= POWELL (2N) (K OR KIM)  |
| S15 | 0       | S8 AND S9 AND S10 AND S11 AND S13 AND S14   |
| S16 | 4889    | S8:S14  |
| S17 | 0       | S16 AND S1 AND S2   |
| S18 | 23      | S16 AND S1 AND S7   |
| S19 | 16      | RD (unique items)   |
| S20 | 5       | S16 AND S2 AND S7   |
| S21 | 2404    | S1(S)S2(S)S7  |
| S22 | 49      | S21(S)S5  |
| S23 | 31      | S21(S)S4  |

S24 0 S1(S)S2(S)S3(S)S4(S)S6  
 S25 6 S1(S)S2(S)S3(S)S4(S)S5  
 S26 103 S1(S)S2(S)S3(S)S5  
 S27 0 S1(S)S2(S)S3(S)S6  
 S28 296 S1(S)S2(S)S3(S)S7  
 S29 19 S28(S)S4 OR S5)  
 S30 2081678 S2(15N) (CONTENT OR CONTENTS OR ITEM OR ITEMS OR MERCHANDISE  
 OR PRODUCT OR PRODUCTS OR ARTICLE? OR GOODS OR WARES OR COMM-  
 ODIT? OR INVENTORY OR INVENTORIES)  
 S31 1977 S1(S)S30(S)S7  
 S32 67 S31(S)S4 OR S5)  
 S33 248 S1(S)S30(S)S5  
 S34 2 S1(S)S30(S)S6  
 S35 9 S1(S)S30(S)S4(S)S5  
 S36 82 S22 OR S23 OR S25 OR S29 OR S32 OR S34 OR S35  
 S37 62 RD (unique items)  
 S38 17 S37 NOT S37/2002:2010

38/3,K/4 (Item 1 from file: 148)  
 DIALOG(R)File 148:Gale Group Trade & Industry DB  
 (c) 2009 Gale/Cengage. All rts. reserv.  
 0019682976 SUPPLIER NUMBER: 50039705  
 -STERLING COMMERCE: Next generation of Web-based business-to-business EC  
 solution  
 M2 Presswire, N/A  
 May 28, 1998  
 LANGUAGE: English RECORD TYPE: Fulltext  
 WORD COUNT: 996 LINE COUNT: 00089

# TEXT:

...secure Internet transport can now be accomplished through a Web  
 browser or can be integrated with an existing PC application such as a  
 CD-ROM based product catalog or customer service  
 call-center application. -- Dual Encryption - Data encryption has  
 been added to the already encrypted SSL channel, providing increased secure  
 registration, password secure authentication, managed recovery, system...

...manage all information, including EDI documents, off-line to reduce  
 communication costs by connecting to the Internet only when needed. "The  
 powerful combination of GENTRAN:Server and this next generation of  
 Web Suite is the first secure, cost-effective, end-to-end solution to  
 provide real-time integration of an enterprise...

...suppliers, partners and employees via a Web interface," said Brad Sharp,  
 president, Interchange Software Group and executive vice president,  
 Sterling Commerce. "Our customers are gaining competitive advantages  
 and recognizing top and bottom line results by deploying Web Suite to  
 extend their critical business processes throughout their business  
 community." The new features will be presented at Sterling Commerce's  
 second annual customer conference...

...is a community network service developed by Network Integration Systems  
 Pte Ltd. (NIS), Singapore to provide an EC infrastructure for the  
 publishing and bookselling industry. Web Suite exchanges  
 business information with minimal human intervention for book orders to and

from publishers and booksellers. Web Suite in conjunction with GENTRAN: **Server** allows data from trading partners to be remotely supplied, validated, transferred, transformed and routed to enhance automation of the order process and reduce costs. BookNet...

38/3,K/11 (Item 1 from file: 267)  
DIALOG(R)File 267:Finance & Banking Newsletters  
(c) 2008 Dialog. All rts. reserv.  
04574656  
Prospering From Disaster  
Omar Sacirbey  
Traders  
January 1,2001 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: SECURITIES DATA PUBLISHING  
LANGUAGE: ENGLISH WORD COUNT: 998 RECORD TYPE: FULLTEXT  
(c) SECURITIES DATA PUBLISHING All Rts. Reserv.

TEXT:

...accredited registrars supplement, or even marginalize, their registration businesses with other services ranging from web-hosting and Internet security to DSL access and database marketing **products**. In addition to registration services, IPO candidate **Catalog.com** provides design, creation, hosting and maintenance services for **web** sites. It also creates and hosts **catalog** and **auction** sites using a proprietary e-commerce application, and integrates customer **web** sites with its back-office **computer systems**.

"The trend, as with most Internet service offering companies, is to offer more services," said Jack Ripsteen, an analyst at Chase H&Q.

Moderate Volume...everybody's most bullish forecasts," Scharf said. The third quarter of 2000 was the company's first where it had a sequential decline in registrations. **According** to a Nov. 17 **First Call** report by Wit SoundView analyst Jordan Rohan, more than 40 percent of Register's registrations were done either for free or at a discount....

38/3,K/12 (Item 2 from file: 267)  
DIALOG(R)File 267:Finance & Banking Newsletters  
(c) 2008 Dialog. All rts. reserv.  
04573328  
New TLDs Stand to Rescue Ailing Registrars  
Omar Sacirbey  
IPO Reporter  
November 27,2000 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: SECURITIES DATA PUBLISHING  
LANGUAGE: ENGLISH WORD COUNT: 1048 RECORD TYPE: FULLTEXT  
(c) SECURITIES DATA PUBLISHING All Rts. Reserv.

TEXT:

...Among the many registration companies accredited with ICANN that stand to benefit from the new names are Register.com (NNM:RCOM), VeriSign (NNM:VRSN), and **Catalog.com** (Proposed NNM:CLGC). The latter of those is slated to price this week after decreasing its number of shares to 320,000 shares from one million and more than doubling their anticipated price to \$26 to \$28 from \$10 to \$12. Based in Oklahoma City, **Catalog**



will be led to market by Institutional Equity Corp. after having filed to go public on May 26.

With competition gnawing away at registration prices...  
...accredited registrars supplement, or even marginalize, their registration businesses with other services ranging from web-hosting and Internet security to DSL access and database marketing **products**. In addition to registration services, IPO candidate **Catalog.com** provides design, creation, hosting and maintenance services for **web sites**, and also creates and hosts **catalog** and **auction** sites using a proprietary e-commerce application, and integrates customer **web sites** with their back-office **computer systems**.

"The trend, as with most Internet service offering companies, is to offer more services," said Jack Ripsteen, an analyst at Chase H&Q.

The new...

38/3,K/13 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2006 IDG Communications. All rts. reserv.  
085647

Schools master online exchanges  
Educational systems look to online buying exchanges to cut costs, speed purchasing.

Byline: ELLEN MESSMER  
Journal: Network World Page Number: 35  
Publication Date: July 10, 2000  
Word Count: 731 Line Count: 69

Text:

Business is warming to the idea of using **online buying exchanges** to make purchases, and the same is true for schools, even the K-12 school systems not commonly on the cutting edge of network trends. Public school systems, in particular, are actively seeking **Web**-based trading **exchanges** that bring together their traditional suppliers and introduce them to potential new ones. Several California school systems, for example, have begun purchasing from one of the **exchanges**, Epylon.com, and they give **online** buying high marks. The Orange County Department of Education has made more than 50 separate online purchases for office and custodial supplies, software and textbooks...

...suppliers shouldn't forget they still need to excel in service and problem resolution. "Ultimately, you still need people to fulfill an order." The heated **competition** in **online** bidding suggests that **exchanges** are going to bring lower costs for schools, Louis says. What are the rules? Some school systems say they are interested in online purchasing but...

... ATG) Dynamo e-commerce software, running on Solaris, with the application written in Java and XML. An Oracle database holds school contract information and supplier **catalogs**. The purpose is to give online buyers a customized view of **items** they are authorized to **purchase** under contractual pricing **terms** negotiated by the schools. "Some suppliers give us their paper **catalogs**, and we'll convert it to XML at no cost," McNair says. Epylon.com also employs the WebMethods application **server** to pull down **catalog** data directly from a supplier's Web site and present it at the ATG e-commerce

**server** for viewing by the purchasing agent. "This allows the buyer to have this **catalog** information customized and aggregated for them," McNair says.

38/3,K/14 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2006 IDG Communications. All rts. reserv.  
081734  
B2B Web sites not living up to hype yet  
Byline: ELLEN MESSMER  
Journal: Network World Page Number: 1  
Publication Date: February 21, 2000  
Word Count: 1044 Line Count: 100  
Text:

... BASF to discuss the chemical business with suppliers. By 1999, ChemConnect started what it calls the World Chemical Exchange, which is based on a Java **server** that lets the exchange's 5,000 members anonymously bid for purchases that typically run more than \$200,000. Once a bid situation ends with...

...click to accept, ChemConnect generates a transaction confirmation to the buyer and the seller. The negotiation is then taken off-line, where the parties finalize **purchase** orders and shipment **terms**. ChemConnect, which will probably go public this year, plans to integrate more complex XML-based order-processing technologies into its system. There are other specialized...

... they are Altra Energy, for the electrical power industry; the National Transportation Exchange, which books truck capacity for long-haul carriers; and Chemdex, which hosts **catalogs** to sell pharmaceuticals to hospitals and research organizations. In its report last week, AMR Research mentioned CheMatch.com and PlasticsNet.com as sites with steady...

... for venture capital investment in the fourth quarter of 1999. Such companies received an average of \$9 million apiece during the quarter, with a dozen **exchanges** funded for the health care industry alone. NeoForma, a Web site for health care facility planners in Santa Clara, received \$70.5 million in funding from a group of investors. I-many, a health care...

... weeks with a Web marketplace where hospitals and manufacturers can buy pharmaceuticals and surgical supplies. According to Tim Curran, director of I-many's consumer **goods** strategy, the exchange will have a **product catalog** that contains **items** for sale from big suppliers such as Glaxo, Wellcome and Nuvartis. I-many will take 1% to 2% of each sale as its transaction fee. I-many's plan is to complete each **sale** based on contract **terms** personalized for each buyer. The idea has caught the eye of some potential buyers, although I-many has yet to officially sign any. "To be...

...through technology issues and business procedures. "Business-to-consumer transactions are simple compared to business-to-business," he points out. The challenge of receiving updated **catalog** information from multiple suppliers and providing personalized pricing to multiple buyers all at one site is hardly a trivial matter. "The business-to-business exchange... huge hype, but there's not a lot of people actually doing business," says Menachem Chen, CEO of Mercado, which makes software for

aggregating multiple **catalogs** that can be viewed through one search engine. About 400 companies, including Caterpillar and BellSouth, are using Mercado software for business-to-business e-commerce. But...

38/3,K/15 (Item 3 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2006 IDG Communications. All rts. reserv.  
072441

What's an e-comm manager to do?  
Experts offer their advice on dealing with one fictional company's tough electronic commerce challenges.

Journal: Network World Page Number: 67  
Publication Date: February 22, 1999  
Word Count: 3573 Line Count: 331

Text:

... she can pull together Idealwares' strategy for taking its business online. His goal is to increase profits, which have been weakening steadily because of increased **competition** from niche manufacturers. Upon joining Idealwares, Savvier began tracking the **Web** activities of the company's traditional **competitors** and the new niche players. The good news? None of the firms are very active on the Internet. Savvier is certain Idealwares can capitalize on...

... Web site that would serve as a customer's primary information source. She envisions giving customers the ability to build virtual restaurants or stores using **products** from Idealwares' online **catalog**. That would enable customers to visualize what the addition of a new **product** would do for their businesses. Then customers would be able to place orders, check the status of those orders and submit payment. What's more...

... range of products electronically to Idealwares' current buyers. The company may be funded by a competitor or may have an offshore partner that can produce **goods** to **specification**. Savvier's first step should be to work through some possible future scenarios with the key stakeholders: the CEO, the vice president of sales and...

... and the CFO. She should avoid the corporate counsel until she has a stronger business plan. Savvier has to get her company thinking about future **competition online**, perhaps by running a strategy session for the Idealwares executives. What possible scenarios could unfold, from the probable to the extraordinary? How would Idealwares deal...Internet, and part of Savvier's job is to determine who these people are and seek them out. Savvier and other Idealwares executives have to **decide** whether to sell existing **products** over the Internet or create a new Internet-specific line. The advantage of selling the old line is that the company already knows how to fulfill orders. By selling the old line, Savvier is...

... company's core processes. However, if she finds that channel conflict issues run too deep, she'll run into the least resistance with a separate **product line**. My closing advice to Savvier: Understand that you are the best hope for the company's future. Move quickly to establish a presence on the...

... If Savvier and the executive team believe Internet technologies can change the way they do business, they should capitalize on the market opportunity and rock **competitors** with a comprehensive **electronic** business strategy. The strategy should be structured to give customers maximum value and ease-of-use, while putting Idealwares in a position to realize the...orders online.1 Building the site to ensure quick access at all times, including peak usage periods. That will require redundancy planning so if one **server** fails, another swings into operation.1 Maintaining sufficient service personnel to answer questions pertaining to Web site purchases. Corporate counsel also has legitimate concerns, but...

... by the development of appropriate legal strategies. These include:1 Designing the site such that customers using it and making purchases are aware of the **terms** and **conditions** of the access and the **purchase**.1 Instituting appropriate levels of security so the site may be accessed safely (without fear of viruses) and data, such as credit card information, does...

38/3,K/16 (Item 4 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
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071334

The 25 most powerful people in networking  
Journal: Network World Page Number: 44  
Publication Date: January 04, 1999  
Word Count: 5360 Line Count: 475

Text:

... also find a professor who crams more activity and insight into a day than seems possible, the network pros who run the New York Stock **Exchange** and Disney networks, an **electronic** commerce pioneer, and a visionary who makes the industry 's powerful sit up and listen. As usual, the 25 Most Powerful list is the byproduct...way we think about the traditional power structure in business networking. With the \$4.2 billion deal to acquire Netscape, as well as a side **arrangement** with Sun to **sell** Netscape 's enterprise software, Case has positioned his company as one of the most powerful e-commerce players in the new world of networking. Suddenly, Bill... on this enterprise network power list? Two reasons. Not content to own a big chunk of the desktop business, Dell set his sights on the **server** market and has quickly become the No. 2 player. His aim: to unseat market leader Compaq by driving down prices and margins by eliminating the middleman. Dell believes that Compaq 's higher **server** margins are helping the company survive the brutal price and margin battles in the desktop arena, and he wants to take that crutch away. That 's good news for **server** buyers. While Dell has taken most of his growth so far out of the hides of other **server** competitors, you can expect the Lone Star State battle between Houston-based Compaq and Austin-based Dell to get meaner than a stepped-on rattlesnake. Unlike his counterparts at Compaq, Dell has little interest in buying up network companies to expand his **product line**. But make no mistake: Dell clearly views networking - of the e-commerce variety - as his ace in the hole. The company is one of the...

38/3,K/17 (Item 5 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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067497

The 'Net effect  
How the Internet is changing the face of business  
Byline: Neal Weinberg  
Journal: Network World Page Number: 45  
Publication Date: July 13, 1998  
Word Count: 3541 Line Count: 317

Text:  
Some companies are using the Internet to forge direct connections to their customers. Others are creating industry-specific electronic trading platforms to balance supply and demand for goods and services. Still others are using secure Internet connections to conduct business with trading partners. In short, the Internet is helping companies cut costs, improve...

...need it "stat." Where do you turn? Scientists at pharmaceutical company labs and university research centers can check out [www.chemdex.com](http://www.chemdex.com), a start-up **electronic marketplace** that matches buyers of specialty chemicals with the more than 2,000 small companies that develop them. Jeff Leane, CEO of Palo Alto, Calif.-based Chemdex Corp...  
... target the biotech industry because his potential customers - research scientists - were already Web savvy and there was a market need. Scientists currently rely on paper **catalogs**, which he says quickly become outdated. His site provides up-to-the-minute information and handles the entire transaction, from making sure the order is...want a camlock, a pushwheel or a toggle? Will it be standard or reverse throw? Gold contact material or tin? The C & K Components, Inc. **catalog** has 30,000 switches with enough variations and options to create 500 million combinations. It's not hard for customers to make a mistake when placing an order. C & K addressed the problem by putting its entire paper **catalog** online and linking it to a "switch wizard" that walks buyers through the process of determining a part number. Scott Hunt, MIS director at the Watertown, Mass.-based company, says the online **catalog** makes it easier and faster for customers to order, slashes the number of incorrect orders and allows the company to update the **catalog** daily. Down the road, Hunt wants to be able to reduce the \$250,000 C & K spends each year producing seven paper **catalogs**. The original goal of the online project, which cost about \$100,000, was to make it easier for current customers to do business with the...attract attention. Already, NationsBank, through an insurance affiliate, offers online price quotes for term life policies, and Charles Schwab & Co.'s online stock site is **selling term** and universal life insurance. They represent another risk that traditional insurance companies will have to assess. That's the ticket The travel industry has taken...

... Internet saves airlines money in two ways. First, it costs \$8 for an airline to process a ticket sold by a travel agent using a **computer reservation system**, but only \$1 to process an electronic ticket sold directly by the airline. Second, airlines pay a traditional travel agent an 8% commission per ticket...

38/TI/1 (Item 1 from file: 16)  
DIALOG(R)File 16:(c) 2009 Gale/Cengage. All rts. reserv.  
dELIA\*s Reports First Quarter 2000 Results.

38/TI/2 (Item 2 from file: 16)  
DIALOG(R)File 16:(c) 2009 Gale/Cengage. All rts. reserv.  
Artecon and Storage Dimensions Shareholders Approve Merger Creating Open  
Systems Storage Leader for PC-LAN and UNIX Network Markets.

38/TI/3 (Item 3 from file: 16)  
DIALOG(R)File 16:(c) 2009 Gale/Cengage. All rts. reserv.  
CREDIT RATINGS: SEAGATE TECHNOLOGY

38/TI/4 (Item 1 from file: 148)  
DIALOG(R)File 148:(c) 2009 Gale/Cengage. All rts. reserv.  
-STERLING COMMERCE: Next generation of Web-based business-to-business EC  
solution

38/TI/5 (Item 2 from file: 148)  
DIALOG(R)File 148:(c) 2009 Gale/Cengage. All rts. reserv.  
LOTUS MOBILISES TO GROW NOTES USER BASE WITH A LITTLE HELP FROM A MULTITUDE  
OF FRIENDS.

38/TI/6 (Item 3 from file: 148)  
DIALOG(R)File 148:(c) 2009 Gale/Cengage. All rts. reserv.  
Xscribe Corp. (Proxy Report Excerpts) (directory)

38/TI/7 (Item 1 from file: 636)  
DIALOG(R)File 636:(c) 2009 Gale/Cengage. All rts. reserv.  
-STERLING COMMERCE: Sterling unveils next generation of Web-based  
business-to-business EC solution

38/TI/8 (Item 1 from file: 20)  
DIALOG(R)File 20:(c) 2009 Dialog. All rts. reserv.  
CHS Electronics Says There Will Be No Purchase of Vobis Group From Metro AG

38/TI/9 (Item 2 from file: 20)  
DIALOG(R)File 20:(c) 2009 Dialog. All rts. reserv.  
Miami Computer Supply Corporation Announces it Has Closed a Definitive  
Agreement with Optical Express Computer Supplies, Inc. and Signed a  
Definitive Agreement with Jack Kelly and Associates, Inc.

38/TI/10 (Item 3 from file: 20)  
DIALOG(R)File 20:(c) 2009 Dialog. All rts. reserv.  
Mustang Software, Inc. Reports First Quarter, 1998 Results and Announces  
Revenue Uptrend

38/TI/11 {Item 1 from file: 267}  
DIALOG(R)File 267:(c) 2008 Dialog. All rts. reserv.  
Prospering From Disaster

38/TI/12 {Item 2 from file: 267}  
DIALOG(R)File 267:(c) 2008 Dialog. All rts. reserv.  
New TLDs Stand to Rescue Ailing Registrars

38/TI/13 {Item 1 from file: 674}  
DIALOG(R)File 674:(c) 2006 IDG Communications. All rts. reserv.  
Schools master online exchanges  
Educational systems look to online buying exchanges to cut costs, speed purchasing.

38/TI/14 {Item 2 from file: 674}  
DIALOG(R)File 674:(c) 2006 IDG Communications. All rts. reserv.  
B2B Web sites not living up to hype yet

38/TI/15 {Item 3 from file: 674}  
DIALOG(R)File 674:(c) 2006 IDG Communications. All rts. reserv.  
What's an e-comm manager to do?  
Experts offer their advice on dealing with one fictional company's tough electronic commerce challenges.

38/TI/16 {Item 4 from file: 674}  
DIALOG(R)File 674:(c) 2006 IDG Communications. All rts. reserv.  
The 25 most powerful people in networking

38/TI/17 {Item 5 from file: 674}  
DIALOG(R)File 674:(c) 2006 IDG Communications. All rts. reserv.  
The 'Net effect  
How the Internet is changing the face of business

#### **IV. Additional Resources Searched**

Nexis

1 of 4 DOCUMENTS

Inc.

September, 1997

bidder Harvest

**BYLINE:** BY FRED HAPGOOD; Fred Hapgood (fhapgood@world.std.com) is a freelance writer based in Boston.

**SECTION:** SPECIAL ISSUE; Inc. Technology; Opportunities; Pg. 58

**LENGTH:** 1961 words

**HIGHLIGHT:** LOOKING TO UNLOAD THAT EXCESS INVENTORY? INTERNET AUCTIONS DELIVER BUYERS WILLING TO PAY MORE THAN THE POSTED PRICE

SERENDIPITY ON THE INTERNET is a powerful force. Sometimes users just out for a leisurely stroll find themselves -- quite unexpectedly -- blown down a whole new career path.

That's what happened to Johnny Nesbitt, who until last October taught at a preschool in Batesville, a quiet town of 10,000 souls in upstate Mississippi. One evening, Nesbitt was out cruising the Net when he stumbled upon something he had never seen before: an on-line auction house. Intrigued, he entered the site and began poking around. Soon bells went off.

Auction sites on the Web run software that supports automated sales through on-line bidding. Normally, a number of sellers congregate at one site, which may offer everything from art and collectibles to computer hardware and software. It's a niche that entrepreneurs find appealing: from April to June the number of auction sites reported by the Internet search engine Yahoo! rose from 65 to more than 150.

Nesbitt wasn't trolling for business opportunities when he first encounters the site, called AuctionWeb (www.ebay.com). But he had recently been paging through a catalog from a resale company (resale companies offer a range of modestly priced imports), and he noticed that one of AuctionWeb's sellers was auctioning goods from the same catalog. What really snagged his attention, though, was the prices people were willing to pay for the merchandise. "Objects -- rings, sets of thimbles -- priced at \$2 or \$3 in the catalog were getting bids of \$10 or \$20," Nesbitt recalls.

That inspired Nesbitt to begin poring over catalogs in search of merchandise that on-line bidders might find appealing. He bought the items, logged on to AuctionWeb, entered a description of his goods in the appropriate sales category (jewelry, toys, and so forth), specified a minimum bid (if any), and set the number of days that the auction should run. Sometimes he even scanned in images from the catalog, stored the files on a server run by his own Internet service provider, and embedded an HTML address in the product description so that potential buyers could see what they were bidding on.

That process put Nesbitt's merchandise on the block. Site visitors who liked what they saw could review bids to date, check Nesbitt's track record, and enter their own bids. At the end of the auction, the highest bidder would send Nesbitt a check. Nesbitt would then mail out the goods himself, since order fulfillment and customer service fall outside the purview of most auction sites. (He recently began accepting credit cards.)

Nesbitt also took advantage of the technology's ability to offer multiunit auctions, in which many identical items -- 10 printers of the same model, for example -- are offered at the same time, with participants bidding on individual pieces rather than the whole lot. At the end of the session, the bids are ranked, and then the items are distributed down the list of bidders until the lot is exhausted. Using multiunit auctions, Nesbitt has unloaded everything from 300 no-flame lighters to 100 pairs of binoculars.



Less than a month after Nesbitt held his first auction, he netted \$ 4,000 and quit his day job. Today, he is a stressed (but happy) entrepreneur, running 300-plus auctions simultaneously on five sites, including his own, called Gifts and More Auction And Gift Shop ([www.wjztv.com/johnny/index.html](http://www.wjztv.com/johnny/index.html)).

He's also becoming an expert in ceramics, glass, and metalware; printing catalogs (not everyone is on-line); building up an order-fulfillment business; worrying about hiring and space management; and juggling calls from suppliers in China and Egypt. "The better known you get, the more calls come in," he says contentedly.

AuctionWeb, one of the largest auction houses on the Net and the site that launched Nesbitt's new career, is the creation of a San Jose, Calif., company called eBay. Pierre Omidyar, eBay's CEO, wrote the original version of the AuctionWeb software in 1995, while he was working as a technical manager at on-line commerce supplier General Magic. Omidyar wanted to automate the opaque, sluggish process of trading through Internet newsgroups and mailing lists, whereby sellers post descriptions to appropriate groups and buyers bid via E-mail. The chief problem with that system, of course, is that bidders can't see what the competition is offering. With Omidyar's on-line auction software, all that would change.

AuctionWeb went on-line in September 1995 with little fanfare. New sites typically have trouble attracting sustainable traffic flow, and there was no reason to believe that Omidyar's creation would be any different. "I was skeptical when Pierre first explained his idea," says Jeff Skoll, eBay's president. "Auctions are a chicken-and-egg business. If the buyers aren't there, the sellers won't come and vice versa."

But on-line auctions, it turned out, are anything but typical Web businesses. AuctionWeb's founders soon learned that their site was largely self-promoting: sellers posting descriptions of their items to groups on the Internet would embed links in their messages; buyers clicking on those links were delivered right to the seller's page on AuctionWeb. From there, the buyers frequently wandered to other auctions at the site. In addition, many buyers were becoming sellers themselves, promoting their pages -- and consequently AuctionWeb -- to the world at large.

Auctions are anomalous in another important respect: users not only don't mind paying for the service; they insist on it. The users, in this case, are the people selling goods and services on a site, who willingly pay the auction house a fee and/or a percentage of what they receive for their products. In return, they receive some assurance that the site's quality will be maintained.

For example, eBay charges sellers a listing fee of \$ 1 or \$ 2 per auction plus a point or two of the winning bids. *The AuctionLand OL Report*, a newsletter covering on-line auctions, estimates that this yields \$ 2 to \$ 3 per auction on average, for a daily gross of almost \$ 20,000. If those calculations are accurate, AuctionWeb's revenues could easily reach hundreds of millions of dollars a year, even if only a fraction of Skoll's anticipated traffic materializes.

To observers of the generally lackluster performance of on-line commerce, Skoll's expectations may sound extraordinary: he is currently building the technical and service infrastructure to support 5 million auctions a day by the end of 1997. But eBay's president has reason to be optimistic. By April of this year, eBay was opening and closing 7,000 auctions a day and growing at 25% a month. (In April alone, the company cleared more business than it had in all of 1996.)

One reason that AuctionWeb and similar sites are booming, Omidyar and Skoll believe, is that they bring the pleasures of social interaction to electronic sales. At conventional Web stores with fixed prices, buyers place orders by filling out forms, a humdrum experience at best. Buyers and sellers in an on-line auction, however, become part of a community: chatting, sharing experiences, and even arranging private trades. And bidding, which is by definition a kind of contest, offers an exciting way to shop. (The last half hour of an on-line auction can be a real ride.)

Economists say there are sound reasons for allowing bidders to set the prices. Generally auctions make the most sense in situations where buyers and sellers are uncertain about what constitutes a fair price. Such uncertainty is endemic to the Internet, where business models are brand new and the costs of distribution and promotion differ from those in nonvirtual stores.

Sometimes those costs are higher, such as when on-line buyers want sellers to provide an extra level of service. Nesbitt's new business, for example, thrives on the fact that some buyers are interested in the

products offered by resale houses but are unwilling to spend time reading all their catalogs. They pay Nesbitt to track that inventory, identify the best wares, and write clear, useful descriptions of the products.

More often, however, costs dwindle on-line. Many goods end up in Web auctions following production overruns, inventory overstocks, replacements due to upgrades, and discontinued product lines — merchandise that would once have gone to a liquidator. The Internet allows buyers and sellers to connect directly, saving the costs of the mediating agent. The bidding process then allocates those savings between buyer and seller, often giving both a better price.

"The prices for memory are always well below prices even in the on-line stores," says G. Patton Hughes, publisher of *The AuctionLand OL Report*. "A good going price for a Microsoft Office 97 package, with a posted price of \$ 500 retail, might be \$ 125 to \$ 175. I just bought a fully equipped multimedia P90 with 32 MB for \$ 707, plus \$ 25 for shipping, and a Lexmark printer for a bid that was ridiculous."

There are other benefits as well. Computer-equipment dealer Creative Computers ([www.cc-inc.com](http://www.cc-inc.com)) of Los Angeles recently started auctioning its products on-line, and "lots of people come to look even if they don't bid," says chief financial officer Rick Finkbeiner. Moreover, many of those who do participate generate revenue for Creative Computers beyond the initial sale. "There are opportunities to sell add-ons and accessories to successful bidders," explains Finkbeiner.

On-line auctions' low transaction costs make them attractive even to industries that have traditionally relied on bidding to set prices. "Distribution in our business is not cheap," says Robert Collier, a spokesperson for Gateway Business Auctions ([www.businessauctions.com](http://www.businessauctions.com)), which is organizing an auction site to support wholesale seafood sales. "Often a seafood supplier might have two dozen or more salesmen sitting in front of a bank of phones, calling down a list of buyers, negotiating with them all at once." The costs of maintaining such a sales force can be a formidable barrier for many smaller seafood companies, so they are forced to pay a fat fee to distributors who make those calls for them. "We hope this system will lower the costs for small and midsize suppliers," Collier says.

Even while the business model of the on-line auction already works, there remain enormous opportunities to improve user interfaces and underlying technologies. For example, although many auction sites have their own search engines, these engines search only on product names, not on descriptive text. In addition, auctions organized according to the needs of buyers — who describe their interests and accept bids from sellers — are rare outside the realm of corporate procurement.

Today, buyers can use "software agents" such as BidFind ([www.bidfind.com](http://www.bidfind.com)), which compiles a list of all subscribing auction sites selling a given item, such as a cordless phone. But there are no cross-site agents that place bids for buyers, although eBay has an agent that does this locally. (Buyers set a maximum bid and go away; the agent watches the auction and bids just enough to keep the buyer ahead. If the bid rises above a predetermined maximum, the agent notifies the buyer and asks for instructions.) And wouldn't it be nice to have a site specializing in barter, where children could swap baseball cards, pogs, and the like without needing their parents' credit cards?

So far, manufacturers aren't producing goods specifically for sale in on-line auctions, but some experts think that day might come. In time, on-line auctions may do more than bring order to Internet commerce and lower the costs of bidding. They may actually end up altering our basic pricing mechanisms.

**LOAD-DATE:** September 22, 1997

**LANGUAGE:** ENGLISH

**GRAPHIC:** Photographs 1 and 2, no caption, SUSAN WERNER, WESTERN WEAR COURTESY OF SAM'S TOWN LAS VEGAS

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Business Wire  
April 27, 1998, Monday

MindCorps, Inc. Innovates Electronic Commerce Solutions with Microsoft Site Server 3.0

**LENGTH:** 688 words  
**DATELINE:** SEATTLE

April 27, 1998—MindCorps Incorporated has been building online solutions for enterprise customers using Microsoft commerce technology since 1996.

Today, MindCorps announced the support of its electronic commerce products and business services by the highly anticipated new member of the BackOffice family, Microsoft Site Server 3.0 Commerce Edition.

Universal Studios, Hyundai International, PhotoDisc, and Wizards of the Coast are among the MindCorps customers that have helped the Seattle-based application development firm build a reputation based on Site Server expertise. The Microsoft Site Server marketing team selected MindCorps to create a comprehensive demonstration of the features and benefits of Site Server 3.0 Commerce Edition, unveiled at Microsoft's launch at iEC in New York. The company is now working to create additional starter sites and commerce functionality, set for release in the first half of 1998.

"MindCorps has proven to be an innovator in creating solutions based on Site Server 3.0 Commerce Edition. MindCorps developers have created customized applications, proving the flexibility of Site Server Commerce through its on-line auctions, direct-to-consumer stores, and business-to-business solutions," says Russell Stockdale, Group Product Manager, Applications Group, Microsoft Corp.

Site Server 3.0 Commerce Edition is the comprehensive Internet server for conducting business online. It enables large and medium-sized businesses to build cost-effective e-commerce sites. Companies gain time-to-market and reduced development costs through integrated features to engage customers and partners, transact securely and reliably, and analyze online business. Site Server 3.0 Commerce Edition enables companies to easily expand their online business to automate corporate purchasing and supply chain management as well as online storefronts with both business-to-business and business-to-consumer capabilities.

MindCorps' customers have experienced fast development schedules and reduced costs by leveraging MindCorps software components that share a common platform with Site Server. MindCorps Online Auction Server, a scalable, real-time on-line auction system built on COM standards, now fully supports Site Server 3.0 Commerce Edition. MindCorps Online Catalog Server, offering enhanced product management for Internet stores and catalogs, also supports the Microsoft product.

As a solution provider, MindCorps also supports Microsoft's Value Chain Initiative (VCI), an industry-wide consortium of more than 150 leading software vendors dedicated to providing an end-to-end supply chain framework. The VCI enables companies to integrate applications, link with entire value chains of trading partners regardless of size and share dynamic information in real time. The VCI is based on the Windows Distributed InterNet Applications (Windows DNA) architecture and Site Server 3.0 Commerce Edition, providing the most comprehensive commerce-enabling technologies available and superior price/performance advantage.

With a focus on electronic commerce and enterprise applications, MindCorps specializes in developing fully interactive Internet tools to address business and consumer needs. Working from MindCorps' headquarters in downtown Seattle, developers utilize a wide range of technologies including C, Visual Basic, Java, Extensible Markup Language (XML) and Active Server Pages. MindCorps artists and content managers collaborate with clients to add creative interfaces to each new online presence.

MindCorps is a member of the Washington Software Alliance. -0-

Note to editors: If you are interested in viewing additional information on MindCorps, please visit the MindCorps web page at <http://www.mindcorps.com>.

CONTACT: MindCorps Incorporated  
Eric Best, 206/340-0475 Ext. 105  
[ericb@mindcorps.com](mailto:ericb@mindcorps.com)

Today's News On The Net - Business Wire's full file on the Internet  
with Hyperlinks to your home page.  
URL: <http://www.businesswire.com>

**LOAD-DATE:** April 28, 1998  
**LANGUAGE:** ENGLISH  
**DISTRIBUTION:** Business Editors

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### 3 of 4 DOCUMENTS

Computer Reseller News  
February 14, 2000

Auction sites booming -- Online exchanges suit small-, midsize-business buyers, sellers

**BYLINE:** Amy Rogers  
**LENGTH:** 591 words

Chicago -- Whether serving as a buyer or seller-or a conduit between the two-small and midsize businesses stand to reap benefits from the explosion of interest in e-commerce auctions, said industry watchers.

Also known as online brokerages or "exchanges," these Web destinations share a common goal: to unite buyers and sellers of virtually any service or product. The variety of goods being bought and sold in this way is staggering. From a multibillion-dollar steel order to a rare fountain pen, at the right price there is a buyer for every seller.

In these online trading communities, "small businesses can compete against the big boys without having to make a large investment," said Dave Reinke, vice president of consulting at Braun Consulting Inc., based here.

"Small businesses are more agile than larger ones ; they can use an exchange to take advantage of aggregate buying power, or they could decide to support an exchange and get a percentage of the transactions," Reinke said. "They can use the exchange to grow their industry and to drive more business to their continuing brick-and-mortar operations."

Braun recently entered into a partnership with Moai Technologies, a San Francisco-based provider of online auction software and services. The companies plan to jointly develop and implement exchanges for business-to- business and business-to-consumer sites, said company executives. Moai's flagship product, LiveExchange, lets users create Web auctions, procurement applications and trading communities.

One customer that has benefited from Moai's and Braun's teamwork is BidBuyBuild Inc., which is using its Web site to link building contractors and manufacturers wishing to purchase and sell heating and air-conditioning equipment.

BidBuyBuild Chief Executive Mark Hadding, brainstorming with his father Lawrence, vice president of sales at the company, hit on the idea of developing a product resource for the construction industry. They talked to Braun to see if the digital-exchange approach fit, said Hadding.

"Our site had to be very easy to use and it had to have as much workspace as possible," he said. "We didn't want pictures and glitz. We want to be the virtual desktop for our contractors and manufacturers."

Hadding also told Braun that he preferred to use directed bidding, where queries for a particular product are sent to companies that actually make that product or a comparable one. So-called open bidding, in which product requests blanket a thousand suppliers' in-boxes-and many of those companies offer nothing remotely like the item in question-is a big turn-off to manufacturing partners, said Hadding.

Integrators that specialize in building these types of Internet exchanges said the demand is monumental, but the work demands a certain level of precision.

There is a fair amount of customization involved in the implementation of each digital exchange, said Mike Beirne, chief executive of InfoMech Inc., an Alexandria, Va.-based integrator that specializes in online brokerages.

One of InfoMech's newer accounts is [www.petroleumplace.com](http://www.petroleumplace.com), a portal site for buying and selling gas and oil products. InfoMech used Microsoft Corp.'s Site Server and Active Server Pages to build the site, Beirne said.

Enterchange, a combined catalog and auction product, also is under development from Microsoft and InfoMech, Beirne said. With it, customers will be able to "produce a site in 30 days or less," he said.

<http://www.cm.com/>

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**LOAD-DATE:** February 12, 2000

**LANGUAGE:** ENGLISH

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#### 4 of 4 DOCUMENTS

Network World  
October 02, 2000

Enterprise apps briefs

**BYLINE:** staff writers

**SECTION:** ENTERPRISE APPS; Pg. 45

**LENGTH:** 267 words

EYT, formerly Ernst & Young Technologies, has introduced a hosted financial reporting application service based on Lawson software and targeted at start-ups. The GoFinancials service includes basic bookkeeping functions, reports and formats suitable for auditors, and line-of-business-based reports for investors. The service, which is housed at Equinix data centers, is accessed over the Internet and costs \$600 per month, with each additional user costing \$200 per month.

EYT: [www.eyt.com](http://www.eyt.com)

Magnum Technologies of Eden Prairie, Minn., has introduced software for consolidating and correlating network and system events and for performing root-cause analysis. The company claims its Coordinator product can process thousands of events per second. The software features a browser-based interface and works with popular

management platforms such as Hewlett-Packard OpenView and Tivoli NetView. Coordinator also works with Magnum's Cap-Trend product, which interprets data collected by SNMP managers and presents it to users in Web-based reports.

Coordinator costs \$30,000 for less than 250 nodes, \$60,000 for 250 to 1,000 nodes, and \$90,000 for more than 1,000 nodes.

Magnum: [www.magnumtech.com](http://www.magnumtech.com)

Frictionless Commerce has announced eMarket Suite, software that resides on Windows NT and Solaris Web servers to host and manage multiple catalogs, search content, conduct auctions and support buying decisions based on factors other than just price. The suite, which costs \$250,000, replaces the company's PurchaseSource software.

Frictionless: [www.frictionless.com](http://www.frictionless.com)

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